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# ORIGINAL ARTICLES

## RELATIVE VALUE OF SULPHONAMIDES AND ANTISERA IN EXPERIMENTAL GAS GANGRENE

BY

JOHN GORDON, M.D. LEEDS, M.R.C.P.
LECTURER IN BACTERIOLOGY IN THE UNIVERSITY OF LEEDS

AND

J. W. MCLEOD, M.B. GLASG., F.R.S.
BROTHERTON PROFESSOR OF BACTERIOLOGY IN THE UNIVERSITY

A TENDENCY has appeared in the last year to assume that the sulphanilamide drugs can take the place of specific antiserum in the treatment and prophylaxis of gas gangrene. And apart from this there has been some deprecation in official quarters of the prophylactic use of antiserum in this condition. A similar attitude is also reflected in the expressed opinions of some clinical observers. The "popular" medical opinion on the subject can be expressed by a quotation from Bensted's (1940) lecture on immunisation against bacterial toxins. "In the later stages of the last war an antitoxin was introduced but most workers found it unsatisfactory. Today the prophylaxis of gas gangrene depends on early surgical intervention and the use of sulphonamide drugs. Antitoxin nowadays is only used as an adjunct to surgery and chemotherapy." The paramount importance of surgery in the treatment of wounds in which gas gangrene has developed or is likely to develop is beyond dispute. When, however, the relative merits of chemotherapy and antisera as adjuvants in treatment and prophylaxis are considered, the position is much less clear. Since the secretion by the bacteria concerned of potent and antigenic toxins is the outstanding feature of the disease there is every reason to suppose that antisera should be valuable, and both in prophylactic investigations in laboratory animals and in the control of natural animal diseases due to closely allied forms this has proved to be the case. On the other hand, little if any evidence has been brought forward to show that the sulphanilamide drugs have any influence on bacterial toxins. It seems, therefore, that the attitude expressed in the quotations cited can only be justified if it is supported (*a*) by experimental investigation or (*b*) by carefully compiled statistics based on good combined bacteriological and clinical work.

It is certainly true that experience of the last war left grave doubts about the value of antisera in treatment of established cases of gas gangrene, but it is not true that the value of antiserum when administered to severely wounded patients as a prophylactic measure was seriously tested. If such evidence does exist, it is extremely difficult to find.

Antiserum is not discredited by the demonstration that a certain number of people who have had a prophylactic dose of anti-gas-gangrene serum die of that disease. An adequate series in which the incidence of gas gangrene had been compared in two large groups of wounded men treated with and without serum would be the only valid evidence on which an estimate of the value of serum in prophylaxis could be founded. It was hoped by one of us that this would be the first point in wound treatment seriously investigated in the present war, and it is perhaps unfortunate that the irruption of the sulphonamides into this field has interfered with development of knowledge on the point. Since the accumulation of statistical data on treatment of cases is inevitably slow it seemed to us that a direct comparison of the sulphanilamides and of antiserum in the prophylaxis and treatment of gas gangrene in animals might provide useful guidance to clinical procedure in dealing with wounds liable on account of their character to develop that condition.

### GROWTH OF ANAEROBIC BACTERIA IN MEDIA CONTAINING SULPHONAMIDES

Few observations seem to have been made on the growth of anaerobic bacteria when sulphonamides are incorporated in the media. Natvig (1938) found that Prontosil Soluble did not control the growth of anaerobes in culture media, but this is not surprising since this compound does not act in vitro on bacteria sensitive in the same conditions to *p*-aminobenzenesulphonamide and liable to be destroyed by prontosil in the animal body. Spray (1938), however, made cultural investigations with prontosil, sulphanilamide and disulphanilamide and observed negligible interference with the growth of *Clostridium welchii* and *Cl. sporogenes* but a definite interference with the growth of *Cl. novyi* and *Cl. histolyticus*, especially with disulphanilamide. Burton and others (1940), on the other hand, were unable to demonstrate any significant inhibition of the growth of *Cl. welchii*, *Cl. septique* or *Cl. novyi* even in 1 : 500 dilutions of sulphanilamide and sulphapyridine on solid or in fluid media. In parallel experiments in the same media they were successful in obtaining bacteriostatic and bactericidal effects for the same anaerobes when a sulphanilamide compound in which the *p*-amino group had been substituted by a *p*-nitro group was used in dilutions ranging from 1 : 5000 to 1 : 50,000.

To follow up this last result we launched a series of investigations on the control of experimental gas gangrene in mice and guineapigs, values both in treatment and prophylaxis being compared with those of antisera. Before recording these, the results of similar work already published may be considered.

Long and Bliss (1937) used sulphanilamide in doses of 20–96 mg. in the treatment of mice injected with culture or bacillary suspension of a *Cl. welchii* strain of low virulence; injections were intraperitoneal and treatment began after an interval of an hour; of 64 treated mice 44 survived and all the 41 controls died. Natvig (1938) used prontosil soluble and injected about 10 M.L.D. of culture intramuscularly into one leg and varying doses of drug (up to the toxic limit) into the other; the experimental animal was the mouse, and four anaerobes, *Cl. welchii*, *Cl. histolyticus*, *Cl. septique* and *Cl. novyi*, were used; no protection was observed. Buttle (1939) mentions experiments with sulphanilamide and sulphapyridine and states that he found the latter superior. Kendrick (1939) used guineapigs, intramuscular injection and suspensions from cultures of *Cl. welchii*; neoprontosil, sulphanilamide and sulphapyridine were used for treatment by oral, subcutaneous and intraperitoneal routes at the time of injection and in some cases 6 hours later as well; no appreciable evidence of protection was obtained. Legroux (1940), whose work is probably most of all responsible for the current practice of introducing these drugs in powder form to wounds in which it is thought that gas gangrene may develop, infected his experimental animals, guineapigs, by sewing portions of fabric soaked in *Cl. welchii* and *Cl. histolyticus* cultures into wounds made in the muscles; he found that if the wounded muscle was powdered with sulphanilamide at the time of introduction of the infected fabric symptoms were delayed and healing could be obtained if the fabric was removed a few days later and the wound again powdered with sulphanilamide; oral administration of the drug was without effect. Stephenson and Ross (1940) used mice and injected two strains of *Cl. welchii*, one a poor toxin former, the other actively toxigenic; with the less toxic strain given intraperitoneally they got good results by oral treatment with sulphanilamide and sulphapyridine; when intramuscular injection was adopted or when the actively toxigenic strain was used the results were poor and compared unfavourably with serum; with *Cl. septique* protection was only obtained with sulphapyridine and then only on prophylactic administration, and no protection was obtained from *Cl. novyi*. Singer (1940) worked with mice and injected his cultures subcutaneously; treatment was oral with suspensions of prontosil, Uleron, sulphapyridine and Soluseptasine; his only clear success was with a single M.L.D. of *Cl. welchii*; there was a percentage survival with larger doses of *Cl. welchii* and with single doses of *Cl. septique*, but the results were too unequal to be convincing and no favourable results were obtained with *Cl. novyi*. Henderson and Gorer (1940) used heated spore suspensions of *Cl. septique* in calcium chloride solution and intradermal injection; in these conditions sulphapyridine gave good protection and sulphanilamide partial protection on oral administration up till 4 hours after infection; results were much less convincing if injection of

spores was intramuscular or where *Cl. welchii* preparations were used; the point particularly brought out in this work is that serum and sulphapyridine in the special conditions of these experiments can give results much greater than the summation of their separate effects.

To summarise, the only encouraging results have been obtained in infections with small doses of some strains of *Cl. welchii* when the drugs have been given before or very near the time of infection, and it is the general experience that for this purpose sulphapyridine is a more effective drug than sulphanilamide. No-one has claimed better results with oral than parenteral administration, but Legroux (1940) has provided experimental evidence of the superiority of local over oral administration. Jensen and others (1939) also claim that more is to be expected of local than oral administration since the former assures the presence of the drug up to the point of saturation in the vicinity of the wound, an effect which cannot be obtained with oral administration without risking grave intoxication. For these reasons we have adhered in our work to parenteral administration of the drugs at the site of infection.

## EXPERIMENTS IN ANIMALS

*Mice.*—A small preliminary series of investigations was made with mice which were injected with *Cl. septique* subcutaneously. The control of the infection was attempted with sulphanilamide and *p*-nitrobenzenesulphonamide, the drugs being administered half an hour before or immediately after infection. The results are recorded in table I. These experiments suggest an extremely limited degree of protection by these drugs when present from the outset of infection and a very slight superiority of the nitro compound, but nothing comparable to its superiority in vitro.

TABLE I—ATTEMPTS TO CONTROL INFECTION IN MICE INJECTED WITH *CL. SEPTIQUE* SUBCUTANEOUSLY. DRUGS WERE INJECTED AT THE SITE OF INFECTION AND IMMEDIATELY BEFORE OR AFTER INFECTION

| Infecting dose of culture (c.cm.) | Drug | No. of mice | Result |
|---|---|---|---|
| 0·5 | Sulphanilamide 2–6 mg. | 6 | All died; av. time 21 hr. |
| ,, | Sulphapyridine 2–6 mg. | 6 | All died; av. time 23 hr. |
| ,, | *p*-nitrobenzenesulphonamide 2–6 mg. | 6 | All died; av. time 26 hr. |
| ,, | Controls | 7 | All died; av. time 20 hr. |
| 0·2 | Sulphanilamide 1–20 mg. | 8 | 4 survived; 4 died within 36 hr. |
| ,, | *p*-nitrobenzene-sulphonamide 1–5 mg. | 8 | 4 survived; 2 died within 36 hr.; 2 died after 36 hr. |
| ,, | Controls | 8 | All died; 6 before 36 hr., 2 after 36 hr. |
| 0·1 | Control | 1 | Survived. |

*Guineapigs.*—In most of the experiments guineapigs have been used, the thigh muscle of the anæsthetised animal being crushed by nipping with pressure forceps in order to reproduce conditions resembling those in which gas gangrene arises in man. Twenty-four hour cultures in liver broth have been used and single lethal doses or very small multiples of the lethal dose have been administered. *Cl. welchii*, *Cl. septique* and *Cl. novyi* have been examined. The results of these experiments are recorded in table II.

These experiments afford no evidence that any of the three drugs used is of value in controlling an established gas gangrene infection, even when the interval before administration is very short. They do, however, indicate a limited usefulness in the local administration of M. & B. 693 as a prophylactic agent. In the last respect, however, they are distinctly inferior to specific antiserum which when given locally as a prophylactic was effective in infections with *Cl. welchii* and *Cl. septique* even in doses considerably less, weight for weight, than those recommended in the prophylaxis

TABLE II—ATTEMPTS TO PREVENT OR CURE INFECTION IN GUINEAPIGS INJECTED WITH *CL. NOVYI*, *CL. SEPTIQUE* OR *CL. WELCHII* SUBCUTANEOUSLY

| Injection. | No. of animals | Drug or antitoxin | Administration | No. which died | Survival (%) | Average interval to death in days |
|---|---|---|---|---|---|---|
| *Cl. novyi* | 6 | M. & B. 693 | Prophyl., local | 6 (1 de.) | Nil | 2·83 |
| ,, | 3 | M. & B. 693 | Curative, local | 3 | Nil | < 1 |
| ,, | 3 | Sulphanilamide | Prophyl., local | 3 | Nil | 2·0 |
| ,, | 2 | *p*-nitrobenzene-sulphonamide | ,, | 2 | Nil | 1·5 |
| ,, | 3 | Antitoxin 1800 units | ,, | 0 | 100 | .. |
| ,, | 3 | Antitoxin 700 units | ,, | 0 | 100 | .. |
| ,, | 3 | Antitoxin 3600 units | Curative, local | 3 (1 m.de.) | Nil | 4·33 |
| ,, | 3 | Antitoxin 1400 units | ,, | 3 | Nil | 1·9 |
| ,, | 10 | Controls | .. | 10 | Nil | 2·0 |
| *Cl. septique* | 18 | M. & B. 693 | Prophyl., local | 7 | 61 | 2·4 |
| ,, | 3 | M. & B. 693 | Curative, local | 3 | Nil | 2·0 |
| ,, | 7 | *p*-nitrobenzene-sulphonamide | Prophyl., local | 6 | 14 | 1·3 |
| ,, | 7 | *p*-nitrobenzene-sulphonamide | Curative, local | 7 | Nil | 1·4 |
| ,, | 16 | Sulphanilamide | Prophyl., local | 16 | Nil | 1·87 |
| ,, | 7 | Sulphanilamide | Curative, local | 7 | Nil | 1·1 |
| ,, | 8 | Antitoxin 180–18 units | Prophyl., local | 0 | 100 | .. |
| ,, | 24 | Controls | .. | 24 | Nil | 1·25 |
| *Cl. welchii* | 6 | M. & B. 693 | Prophyl., local | 0 | 100 | .. |
| ,, | 3 | M. & B. 693 | Curative, local | 3 | Nil | 1·0 |
| ,, | 3 | Sulphanilamide | Prophyl., local | 1 | 66·6 | 2·0 |
| ,, | 4 | Antitoxin 700–7 units | ,, | 0 | 100 | .. |
| ,, | 6 | Antitoxin 3500 units | Curative, local | 5 | 17 | 2·8 |
| ,, | 6 | Controls | .. | 6 | Nil | 1·5 |

m.de. = much delayed.

*Prophylactic* (prophyl.) *Administration* of drugs or antitoxin was carried out as two injections, the first 16 hr. and the second ½ hr. before inoculation. The quantities given to each guineapig and methods of administration were as follows:

M. & B. 693. Suspension of 0·2 g. in 5 c.cm. of distilled water.

Sulphanilamide. Solution of 0·1 g. in 5 c.cm. of distilled water. (It was possible to inject a solution by dissolving with heat and injecting before the solution had cooled below body temperature.)

*p*-nitrobenzenesulphonamide. Suspension of 0·05 g. in 2·5 c.cm. "dispersol."

*Curative administration.*—The same doses, methods and sites of administration were used in each case, but the times of administration were 4 and 7 hours after inoculation.

of gas gangrene in man. This point, since it has an immediate practical bearing, has been further investigated in experiments in which the relative values of serum in prophylactic and curative administration have been carefully compared. These observations are recorded in table III. The striking contrast between the prophylactic efficiency of antiserum in *Cl. septique* infection, and its failure in treatment was not observed when the virulence of the bacterium was less acutely developed—i.e., when the controls survived till the second day. In such experiments, of which several were made, treatment was successful, and in one of these even 50 units sufficed for cure when given four hours after infection, but in this experiment the lower limit of prophylactic protection was not reached with 1 unit.

The results recorded in table III can now be considered in the light of (*a*) the recommendations made for the use of such sera in man, and (*b*) the ratio of the weight of man and guineapig. They emphasise the fact that a dosage of serum equivalent to or less than that recommended for human prophylaxis is effective, whereas doses vastly greater than those recommended for treatment may be impotent within four hours of the initiation of infection. They suggest that the doses likely to be effective in treatment will be at least 200–600 times greater than those effective in prophylaxis. If it is legitimate to apply the findings in experiments on

guineapigs to actual infection in man, it will follow that doses of antiserum 30–300 times greater than those recommended will still be ineffective in established cases of gas gangrene in man.

A point which may prove of practical importance brought out in these experiments is that where you are dealing with a rapidly progressive gas gangrene infection there is an advantage in administering serum for prophylaxis in the area where the lesion exists and in which the development of such infection is expected. So far as we are aware, attention has never been drawn to this point, and in fact we have failed to find in the literature any extensive observations on the relative values of the prophylactic and therapeutic uses of these sera. It is, however, to be noted that in the Medical Research Council's Report No. 39 (1919) on anaerobic infections of war wounds, Ellis is quoted (p. 130) as stating that the injection of anti-gas gangrene serum into and around the site of injury was attended with favourable results.

### CONCLUSIONS

From the results of experiments in mice and guineapigs, together with other work already published, it seems likely that the sulphanilamide drugs will have only a limited value in the prophylaxis of gas gangrene, and that local administration will be more useful than oral. These drugs are not likely to be useful in treatment except in cases where there is a mixed infection with an aerobe susceptible to them. In experimental work they are inferior to antisera in the prophylaxis of gas gangrene. Antisera are so much more effective in prophylaxis than in treatment that while the former use is certainly justified it is doubtful whether the latter is. It would therefore be well if the official recommendation to use antisera only for treatment and not for prophylaxis were reversed, provided waste by use on unsuitable cases was avoided. There is no justification for withholding these valuable prophylactic agents from any person who is considered to be threatened with gas gangrene. It is recommended that administration should take the form of multiple injections of serum into the muscles in the vicinity of the wound.

TABLE III—EXPERIMENTS TO COMPARE THE RELATIVE VALUE OF SERUM WHEN GIVEN CURATIVELY AND PROPHYLACTICALLY TO GUINEAPIGS INFECTED WITH *CL. WELCHII*, *CL. SEPTIQUE* AND *CL. NOVYI*

| Bacterium | Dose of serum | No. of guinea-pigs | Curative | Prophylactic at site of injury | Prophylactic, remote from injury |
|---|---|---|---|---|---|
| *Cl. welchii* | 1500 units | 2 | 1 died 48 hr.<br>1 „ 72 hr. | .. | .. |
| | 750 | 2 | 1 „ 48 hr.<br>1 „ 72 hr. | .. | .. |
| | 375 | 2 | 1 „ 24 hr.<br>1 „ 48 hr. | .. | .. |
| | 150 | 2 | .. | 1 survived | 1 survived |
| | 75 | 2 | .. | „ | „ |
| | 30 | 2 | .. | „ | „ |
| | 15 | 2 | .. | „ | „ |
| | 7·5 | 2 | .. | „ | „ |
| | 3·7 | 2 | .. | „ | „ |
| Controls | None | 2 | 1 died within 24 hr., and 1 within 48 hr. | | |
| *Cl. septique* | 600 | 2 | Died 48 hr. | .. | .. |
| | 180 | 2 | „ „ „ | .. | .. |
| | 50 | 2 | „ 24 „ | .. | .. |
| | 25 | 2 | „ „ „ | .. | .. |
| | 94 | 2 | .. | 1 survived | 1 died 24 hr. |
| | 27 | 2 | .. | „ | „ „ |
| | 9 | 2 | .. | „ | „ „ |
| | 3 | 2 | .. | 1 died 48 hr. | „ „ |
| Controls | None | 3 | Died within 24 hr. | | |
| *Cl. novyi* | 3750 | 3 | 1 died 24 hr.<br>2 „ 48 hr. | .. | .. |
| | 500 | 2 | .. | 1 survived | 1 survived |
| | 125 | 2 | .. | „ | „ |
| | 50 | 2 | .. | „ | „ |
| | 25 | 2 | .. | „ | „ |
| | 12·5 | 2 | .. | „ | 1 died 3rd day |
| | 6·5 | 2 | .. | 1 died 3rd day | 1 died 24 hr. |

Prophylactic injections of serum were made 2 hours before infection and injections of serum for treatment were made 4 hours after infection.

We wish to thank Dr. A. Mayr-Harting for help with some of the observations; Dr. S. Ellingworth, of Imperial Chemical Industries Ltd., for preparing the suspensions of *p*-nitrobenzenesulphonamide used; Mr. J. MacAvoy for his help with the animals; and the Medical Research Council for their grant towards costs.

### REFERENCES

Bensted, H. J. (1940) *Lancet*, **2**, 788.
Burton, H., McLeod, J. W., McLeod, T. S. and Mayr-Harting, A. (1940) *Brit. J. exp. Path.* **21**, 288.
Buttle, G. A. H. (1939) *Brit. med. J.* **2**, 269.
Ellis, A. W. M. (1919) *Spec. Rep. Ser. med. Res. Coun., Lond.* No. 39, p. 130.
Henderson, D. W. and Gorer, P. A. (1940) *J. Hyg., Camb.* **40**, 345.
Jensen, N. K., Johnsrud, L. W. and Nelson, M. C. (1939) *Surgery*, **6**, 1.
Kendrick, D. B. (1939) *J. clin. Invest.* **18**, 593.
Legroux, R. (1940) *Mém. Acad. d Chir.*, **66**, 415.
Natvig, H. (1938) *Norsk Mag. Laegevidensk.* **99**, 632.
Singer, E. (1940) *Med. J. Aust.* **1**, 796.
Spray, R. S. (1938) *J. Lab. clin. Med.* **23**, 609.
Stephenson, D. and Ross, H. E. (1940) *Brit. med. J.* **1**, 471.

# PREVENTION OF PYREXIAL REACTIONS IN INTRAVENOUS THERAPY

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IT is disappointing to find that minor pyrexial reactions still often crop up as an unexpected complication of intravenous therapy. To rectify this much thought has been given to perfecting blood-storage, plasma-filtration, chemical purification and the details of apparatus, but if reactions are to be reduced to a minimum everyone—operator, supply department and nursing staff—must remember several other pyrogenic factors. Most of these are well known to be associated with contamination of distilled water and the accessory chemical solutions or imperfections in equipment or technique; but how these faults commonly arise and the quickest methods of detecting them are not so generally appreciated. The present E.M.S. central supply service leaves the preparation of solutions and the care of apparatus as a local responsibility, for some institutions a new one. These notes are made on our past and present experiences of such work.

Reactions tend to occur in small outbreaks and their notification to the laboratories is usually accompanied by requests for "sterility tests" on the apparatus and solutions used. But in practice we have found failures in sterilisation extremely rare and on most occasions other faults must be sought. When investigating any particular group of reactions one starts with the knowledge that trouble may arise from transfusion of any of the following: (*a*) dead bacteria; (*b*) free bacterial proteins; (*c*) traces of other foreign protein; (*d*) some non-protein particulate matter; and (*e*) various materials added to the solutions from glass-ware or rubber improperly cared for or too long in use.

### DEAD BACTERIA AND BACTERIAL PROTEIN

It is important to note how dead bacteria or their proteins come to be found in solutions stored in sealed, unopened, screw-capped bottles. We have rarely seen, when microscoping the centrifuged deposit, any dead bacteria in the finally bottled products, because the last stage of preparation includes Seitz filtration immediately before the final sterilisation. But filtration does not remove free protein, and nearly two-thirds of solutions proved to have caused reactions were found to contain minute traces of protein which could probably be accounted for by previous multiplication of bacteria in them. When the final filtration was deliberately omitted several of these samples showed numerous dead organisms; and by random sampling in the preparation rooms their most common source was found to be infection of the stock solutions either just after distillation and before bottling of the distilled water in bulk, or

at the time of adding the chemicals to make the final solutions.

When distilled water is subsequently to be used intravenously, it is essential to adopt during distillation some closed system of delivery into clean, sterilised bottles which are immediately autoclaved, capped and tightly closed. Any technique which allows infected water to stand for a time warm or at room temperature before it is bottled and sterilised may permit bacteria, though they may be very few to start with, to multiply vigorously. In our experience the most common contaminants acting in this way have been gram-negative bacilli of the unclassified, non-sporing, non-chromogenic type, the reactions of which do not conform to those of any defined group (such as coliforms or *Bacillus proteus*). Many of these organisms readily multiply at room temperature in distilled water, particularly if the free ammonia content be high. Even with perfect protection of the stock distilled water, solutions made from it may still become pyrogenic. Organisms may be added with the chemicals, especially if these are taken from large tins or bottles some time in use. Again it is imperative to remove the bacteria before they have time to multiply or add soluble protein. Therefore, after dissolving chemicals, rapid filtration is required with closed delivery into screw-capped bottles and immediate sterilisation by whatever method is most appropriate. The filtration method we favour is the use of a Seitz-EK 14 cm. disc or its equivalent, followed by passage through a sterilised sintered glass filter to remove any fibres derived from the filter disc. Whatever system is adopted, it must ensure that both the distilled water and the final intravenous solutions are at all times free from bacteria either living or dead.

Detection of dead bacteria in the deposit of a suspected solution is a matter of simple microscopy. When present they can have a surprisingly great effect, and such solutions are in fact very dilute vaccines. As a method of inducing artificial pyrexia, a small intravenous dose of a coliform vaccine is well recognised; experimentally we have repeatedly produced the same result with vaccine made from water contaminants. Admittedly the number of organisms injected needs to be decidedly higher but a pyrogenic dose may easily be given if the volume of injected fluid is large.

Solutions free from bacterial bodies but suspected of containing traces of protein require chemical examination. Pyrogenic samples of this type have been found to give albuminoid-ammonia figures ranging from 0·005 to 0·025 part per 100,000, whereas none was present in the water coming freshly from the still. In three outbreaks it was possible to obtain evidence that infection of the solutions had taken place during preparation. At the time, to confirm the usefulness of the albuminoid-ammonia estimation, samples of distilled water showing a low free-ammonia content and complete absence of albuminoid ammonia were lightly infected with bacilli obtained from other distilled water. After incubation for two days they were examined after Seitz filtration. Albuminoid ammonia appeared in the filtrates in amounts varying from 0·005 to 0·008 part per 100,000.

### OTHER FOREIGN PROTEINS

In other outbreaks, although solutions from the same batch had been supplied to all, pyrexial reactions were most common in particular wards; usually those in which the nursing staff attempted to clean, sterilise and store the delivery apparatus for themselves. Gross failure in cleaning calls for no comment, but the average nurse often fails to appreciate the extreme degree of chemical cleanliness essential for intravenous work, and trouble crops up in, to them, unexpected ways. For example, nearly a quarter of the outbreaks we have investigated were found to be caused by the boiling of delivery bottles and rubber tubing in the large ward sterilisers repeatedly used for dishes and instruments. Often traces of steriliser water dry and leave a barely noticeable film of carbonate on the inside of both bottles and tubes. Being only slightly soluble, the film may be added to at each visit to the steriliser, and although this "hardness" is not in itself pyrogenic it may hold traces of protein derived from the steriliser or from previous use of the apparatus. If some of the film is rubbed off into the distilled water it will usually raise the albuminoid-ammonia figure.

The same effect may be produced in another way. After repeated use the inner surface of rubber tubing may become hard, rough and covered with minute cracks, especially favouring the deposit of film or retention of traces of protein. In three experiments we found that if previously safe normal saline (free from albuminoid ammonia) was run slowly through such tubing during gentle twisting and compression it produced severe pyrexia when, after sterilisation, it was injected intravenously. In one case the albuminoid-ammonia content rose during passage through the tube from nil to as much as 0·05 part per 100,000. Cleaning and sterilising in a ward can thus readily fall below the required standards of real chemical cleanliness. Failure to deal properly with taps, drips, filters and other parts possessing "back-waters" is an obvious risk, but the two unsuspected fallacies described illustrate the great care necessary. The best results can be obtained only when sterilisation is done in a laboratory department where perfect cleansing and all necessary replacements and renovations can be carried out at the same time. In the wards little should be done except thorough flushing with clean cold water or weak soda solution. The best subsequent procedures are fully described in the M.R.C. memorandum on wound shock.[1]

A further possible source of trouble is the still itself. A series of reactions took place when reconstruction of part of the hospital made necessary the temporary use of a relatively old metal still. When tested, the stored distilled water from this apparatus was found to be sterile and completely free from bacterial bodies and particulate matter, but to have an albuminoid-ammonia content as high as 0·0008 to 0·001 part per 100,000; this, of course, had been passed on to all the intravenous solutions. A large quantity of this water was therefore redistilled from glass, and the albuminoid ammonia fell to vanishing point. A fresh set of intravenous solutions was then prepared from this redistilled water and issued to the wards; no further reactions took place. Several similar experiences suggest that when a water-supply is at all below the highest standards double distillation from glass should be carried out; and should an outbreak of reactions occur one of the first tests should be estimation of the albuminoid-ammonia content of the solutions. This should not be above, say, 0·0002 part per 100,000. If the figure is appreciably higher, the cause should be sought in failure to protect the solutions from bacterial contamination or in direct entry of traces of foreign protein. At present the still in use for our intravenous supplies is a steam-heated, automatic Manesty No. 4 model (Manesty Machines Ltd., Liverpool) and the albuminoid-ammonia content of the distilled water delivered is nil.

### SUSPENDED NON-PROTEIN PARTICLES

Ideal intravenous solutions should contain no trace of particulate matter. An official E.M.S. warning was issued against the chalky and other powders to be found on new rubber. Particles from "perished" rubber are equally objectionable, and preliminary washing should be very thorough. In some of the earliest screw-capped bottles the cap-linings deteriorated and flaked. Before general adoption of the screw-cap, the cotton-wool plug was a tiresome source of fibres; vegetable or asbestos fragments may also be derived from filters, especially if filtration is hurried. But our experience has been that non-protein particles in very small numbers are less liable to cause pyrexial reactions than is generally supposed. It is not uncommon for unopened bottles to be returned to the laboratory because sharp eyes have detected a few floating specks in the contents, but (except in two instances in which a mould was the cause of the trouble) tracing the rest of the batch and deliberate intravenous use of the contents of the suspected bottles has always convinced us that they had no significant pyrogenic properties. All our experience suggests that traces of foreign protein in any form are far more potent in producing reactions than any of the commonly encountered non-protein particles. In any case, the presence of the latter can be largely avoided by passage, after Seitz filtration, through sintered glass, and by careful cleansing and renovation of all apparatus used.

1. The M.R.C. War Memorandum, No. 1.

SUMMARY

Pyrexial reactions complicating intravenous therapy may be due to the presence in the solutions used of dead bacteria or traces of other foreign proteins or non-protein particulate matter. Foreign protein is the commonest cause.

Dead bacteria or protein derivatives of them may be present as a result of faulty technique in distillation of water or sterilisation of apparatus, or of defects in outworn apparatus. Solutions free from dead bacteria but containing traces of protein capable of causing pyrexia have been found to have an albuminoid-ammonia content ranging from 0·005 to 0·025 part per 100,000. This estimation is therefore useful in the detection and elimination of such contaminants.

We thank Dr. A. H. Douthwaite for giving us opportunity to test the pyrogenic properties of various solutions clinically; and Dr. J. H. Ryffel and Mr. E. Hinks, B.Sc., F.I.C., for confirmatory albuminoid-ammonia estimations.

# OXYGEN CAPACITY OF BLOOD AFTER SOLUBLE HEXOBARBITONE ANÆSTHESIA

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The occurrence of a transient dilution of the blood during the period of action of certain of the anæsthetic barbiturates has been noted on several occasions.

Bourne, Bruger and Dreyer (1930) found that in dogs the corpuscular volume fell by as much as 30% during Sodium Amytal anæsthesia, but in no case did any material dilution persist for more than 5 hours after recovery. Adolph and Gerbasi (1933) noticed similar changes, and Searles (1939) found that the erythrocyte count fell by some 15% but that this did not occur in splenectomised animals. Dallemagne (1935, 1938), however, reported a different and more serious effect: a decrease of some 50% in the oxygen capacity of the blood in dogs after the administration of soluble hexobarbitone. The oxygen capacity remained at its minimum level for at least 10–14 days, after which it slowly returned to normal. The effect was accentuated when repeated doses were given, and in one animal, which received 17 mg. of soluble hexobarbitone per kg. of body-weight on 3 occasions at intervals of a month, the oxygen capacity fell eventually from 20 to 4 volumes %. These changes Dallemagne attributed to a destruction of erythrocytes. H. K. Beecher (1938) in a short series of intensive experiments was unable to confirm these findings. In one of his experiments a dog received 30 mg. of soluble hexobarbitone per kg. of body-weight on 22 occasions at intervals of a week, but no evidence of anæmia was found. Beecher was also unable to advance any explanation for the anæmia which occurred in Dallemagne's experiments.

It seems unlikely that changes of the magnitude noticed by Dallemagne could follow soluble hexobarbitone anæsthesia in man without giving rise to clinical signs or symptoms. The possibility of such changes is, however, so serious that—attention having been directed to it by several observers (e.g. Wynne 1940)—it seemed advisable to investigate the blood-oxygen capacity directly in a short series of patients after soluble hexobarbitone anæsthesia.

The results and data concerning the patients are shown in the table. Coagulation of blood samples was prevented by oxalate. All estimations were duplicated, the Van Slyke manometric method being employed for cases 1–3 and the Haldane method for the remainder. In none of the operations was there any considerable loss of blood. In the figure the blood-oxygen capacity levels are represented graphically; in each section the central horizontal line represents the preoperative level and this figure is noted against the line. The space above and below this central line represents a change of 1 volume % except in case 10, where an increase of 2 volumes % has been allowed for.

1. Part of this work was carried out during a temporary tenure of the Mayo fellowship in anæsthesia at the Royal Sussex County Hospital.

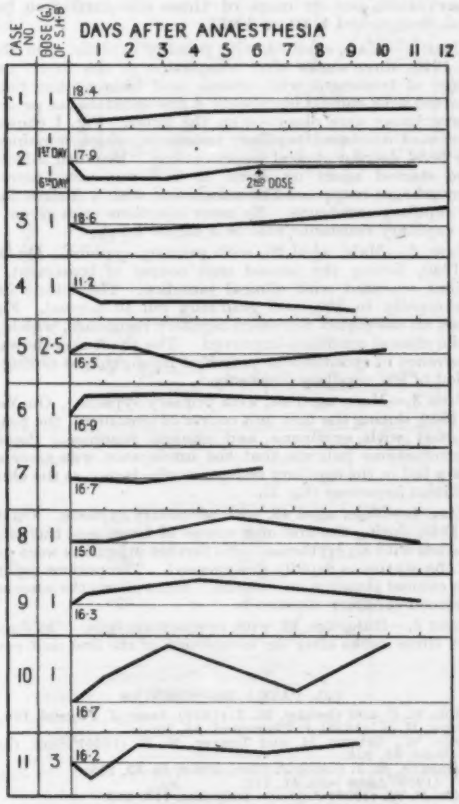
TABLE SHOWING RESULTS

| No. | Sex and age | Premedication (gr.) | Supplementary anæsthetic | Dose of SHB (g.) | Operation |
|---|---|---|---|---|---|
| 1 | M 48 | M1/6, H1/150 | Cyclopropane | 1 | Compound fracture. |
| 2 | M 17 | ,, ,, | Cyclopropane | 1, 1 | Lacerated hand. |
| 3 | M 29 | None | None | 1 | None. |
| 4 | M 28 | M1/6, H1/150 | Nit. ox and E. | 1 | Herniotomy. |
| 5 | M 58 | ,, ,, | Nit. ox. and E. | 2 | Bilateral herniotomy. |
| 6 | M 17 | ,, ,, | Nit. ox. and E. | 1 | Appendicectomy |
| 7 | M 35 | ,, ,, | Nit. ox. | 1 | Removal of epididymis. |
| 8 | F 59 | ,, ,, | Nit. ox. and E. | 1 | Herniotomy. |
| 9 | M 61 | ,, ,, | Nit. ox. | 1 | Fractured olecranon. |
| 10 | M 58 | ,, ,, | E. | 1 | Herniotomy. |
| 11 | M 35 | ,, ,, | Cyclopropane | 3 | Bilateral herniotomy. |

M = morphine. Nit. ox. = nitrous oxide. E = ether. H = hyoscine. SHB = soluble hexobarbitone.

It will be seen that in no case did the oxygen capacity fall as much as 1 volume %.

Variations in blood-oxygen capacity may be associated with such factors as sleep, feeding, emotion, sweating, and the hæmoglobin content of the blood may vary by 10–15% from hour to hour (Wintrobe 1930). The small reduction in oxygen capacity noted in some of the cases reported here cannot therefore be regarded as significant, and it may be concluded that a serious fall in blood-oxygen capacity is not a common accompaniment of clinical soluble hexobarbitone anæsthesia in man.




*References at foot of next page*

# TOXIC MANIFESTATIONS OF ANTISYPHILITIC THERAPY

## FURTHER OBSERVATIONS ON CAPILLARY RESISTANCE

BY

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In a previous communication (1940) we reported 1 case of toxic purpura and 9 cases of toxic erythema and dermatitis (1 showing spontaneous petechial bleeding) occurring during the course of antisyphilitic therapy with arsenic and bismuth. All were found to have an associated low or decreased capillary resistance. Scarborough and Stewart (1938) in demonstrating the effect of hesperidin (vitamin P) in the treatment of vascular purpura observed a decreased capillary resistance in 3 cases of purpura under similar circumstances.

We report here a second series of cases investigated during the course of antisyphilitic therapy, including 9 cases of jaundice, 2 of which were associated with spontaneous petechial bleeding and 2 with erythema, and 2 cases of "vasodilator reaction" (nitritoid crisis). With the exception of 2 of the cases of jaundice, which were not considered to be clinical manifestations of intolerance, all the cases reported were associated with a low or decreased capillary resistance.

### CASE-RECORDS

The capillary resistance was determined by a negative-pressure method and recorded as previously described (Horne and Scarborough 1940). The resistance is stated as the amount of suction in mm. Hg required to produce a single petechial hæmorrhage in the area of skin under observation, one or more of three standard area being used, designated I, III and V.

CASE 1.—Male, aged 53, with primary syphilis. On March 22, 1940, three weeks after completion of the first "unit" course of treatment with arsenic and bismuth the patient reported with clinical jaundice. A few spontaneous petechial hæmorrhages were observed on the limbs. Fig. 1 shows an associated decreased capillary resistance, which remained at this level despite clinical improvement. Bismuth injections were started again on April 23 and numerous petechial hæmorrhages reappeared in association with a further fall in the capillary resistance. No more injections were given, and the capillary resistance rose to a higher level.

CASE 2.—Male, aged 26, with primary syphilis. On April 9, 1940, during the second unit course of treatment, the patient reported with clinical jaundice. The icteric index rose rapidly to 150, and gradually fell to normal. Fig. 2 shows an associated decreased capillary resistance, which rose as the clinical condition improved. The chart also shows the occurrence of spontaneous petechial hæmorrhages during the period of low capillary resistance.

CASE 3.—Male, aged 43, with primary syphilis. On March 27, 1940, during the first unit course of treatment, the patient reported with erythema and clinical jaundice. Previous determinations indicate that the intolerance was associated with a fall in the capillary resistance which rose as the clinical condition improved (fig. 3).

CASE 4.—Male, aged 48, with secondary syphilis. On July 12, 1940, during the first unit course of treatment the patient reported with an erythema. No further injections were given and the erythema rapidly disappeared. The patient reported with clinical jaundice on July 26. Fig. 4 shows the associated decreased capillary resistance.

CASE 5.—Male, age 33, with primary syphilis. On June 7, 1940, three weeks after the completion of the first unit course of treatment, the patient reported with clinical jaundice. The icteric index rose to 106 and had not returned to normal at the conclusion of the investigations. Previous determinations indicate that the intolerance was associated with a fall in the capillary resistance (fig. 5).

CASE 6.—Male, aged 28, with primary syphilis. Intolerance developed during the second unit course of treatment, the patient reporting with clinical jaundice on April 2, 1940. Previous determinations indicate that the intolerance was associated with a fall in the capillary resistance which rose as the clinical conditions improved (fig. 6).

CASE 7.—Male, aged 30, with latent syphilis. On May 17, 1940, during the third course of treatment the patient reported with clinical jaundice. Previous determinations indicate that the intolerance was associated with a fall in the capillary resistance which rose as the condition improved (fig. 7).

CASE 8.—Male, aged 28, with secondary syphilis. On April 30, 1940, during the second unit course of treatment the patient reported with clinical jaundice. The history of prodromal gastric symptoms and chill suggested an infective rather than a toxic jaundice, and the clinical condition rapidly improved. Fig. 8 shows no lowering of the capillary resistance, and intravenous injections of arsenic were restarted on June 26. No intolerance developed during the remainder of the course, and the capillary resistance was maintained at a high level throughout.

CASE 9.—Male, aged 26, with primary syphilis. During the second unit course of treatment the patient reported on March 17, 1940, with clinical jaundice. He was known to be a chronic alcoholic, and the jaundice, which was related to a bout of drinking, rapidly improved. Fig. 9 shows no lowering of the capillary resistance and intravenous injections of arsenic were restarted on April 9. No intolerance developed during the remainder of the course, and the capillary resistance was maintained at a high level throughout.

In cases 8 and 9 the history and mildness of the attack led to the conclusion that the jaundice was not a true arsenical hepatitis, and this view was supported by the fact that resumption of treatment with the same dose of the same drug did not result in any recurrence of the jaundice, or in any other manifestation of intolerance.

CASE 10.—Male, aged 31, with secondary syphilis. A vasodilator reaction occurred on Feb. 22, 1940, during the first unit course of treatment. Fig. 10 shows the associated fall in the capillary resistance. No further intravenous injections of arsenic were given, and the capillary resistance returned to its original high level.

CASE 11.—Male, aged 52, with latent syphilis and an allergic history. A vasodilator reaction occurred immediately after an intravenous injection of arsenic on April 13, 1940. Fig. 11 shows a persistently low capillary resistance.

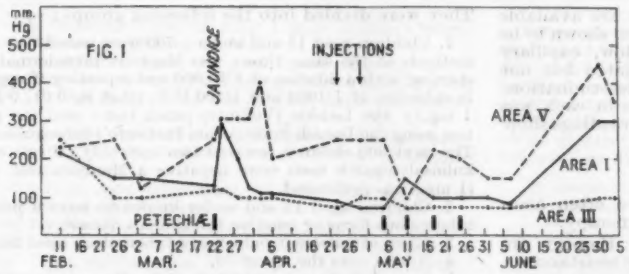
### DISCUSSION

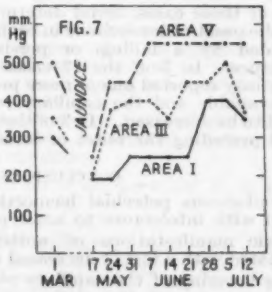
During the period January to July, 1940, 31 cases attending the male venereal diseases clinic at the Royal Infirmary, Edinburgh, who exhibited major toxic manifestations of antisyphilitic therapy were investigated. Of these, 19 cases have already been reported (Horne and Scarborough 1940) and in addition 3 cases of toxic purpura previously reported by Scarborough and Stewart (1938) have received consideration; this group of 22 cases includes 4 cases of purpura (1 of which had associated jaundice and dermatitis); 9 cases of erythema and dermatitis (1 of which had associated spontaneous petechial bleeding); 7 cases of toxic jaundice (2 of which had associated spontaneous petechial bleeding, and 2 erythema); and 2 cases of vasodilator reaction. The remaining 12 cases of the series of 31 have been investigated but not reported; they include 1 case of purpura, 7 cases of erythema and dermatitis (1 showing spontaneous petechial bleeding), and 4 cases of jaundice.

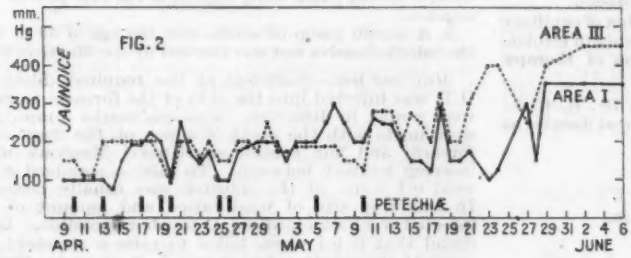
In every case investigated we have found a low or decreased capillary resistance in association with the intolerance. In addition, 2 cases are reported (bringing the whole series up to 33) in which jaundice developed during the course of antisyphilitic therapy but was not associated with any lowering of the capillary resistance. In neither of these was the jaundice considered to be a toxic manifestation of antisyphilitic therapy. In 10 of the 19 cases already reported determinations prior to the development of intolerance are available, and in each of them the capillary resistance has been shown to be decreased in association with the onset of intolerance.

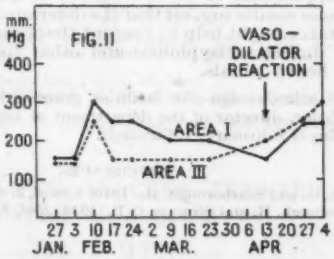
DR. PASK: REFERENCES

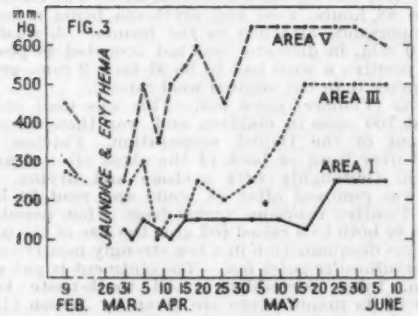
Adolph, E. F. and Gerbasi, M. J. (1933) *Amer. J. Physiol.* **106**, 35.
Beecher, H. K. (1938) *J. Pharmacol.* **63**, 335.
Bourne, W., Bruger, M. and Dreyer, N. B. (1930) *Surg. Gynec. Obstet.* **51**, 356.
Dallemagne, M. J. (1935) *J. Chir., Brux.* **34–32**, 298.
— (1938) *Liége méd.* **31**, 197.
Searles, P. W. (1939) *J. Amer. med. Ass.* **113**, 906.
Wintrobe, M. M. (1930) *Medicine, Baltimore*, **9**, 195.
Wynne, R. L. (1940) *Brit. med. J.* **2**, 611.

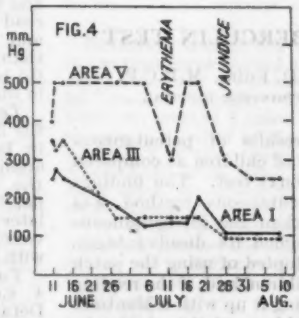


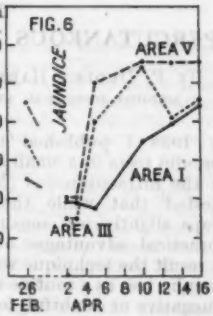



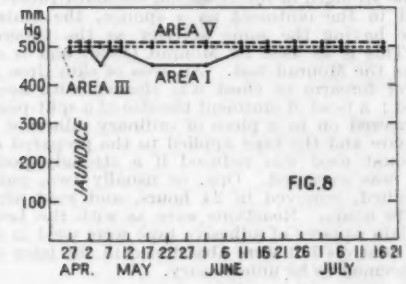



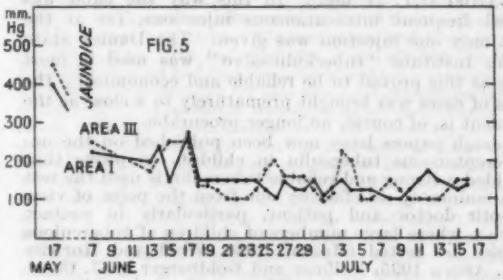



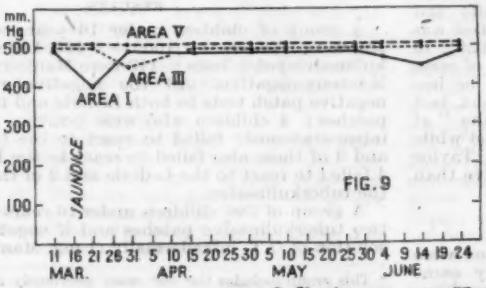



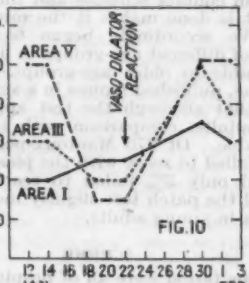




**Ordinates are mm. Hg suction.**

In 5 of these cases, serial determinations are available and the onset of intolerance in each has been shown to be preceded by a falling, or persistently low, capillary resistance. In 7 of the 12 cases investigated but not previously reported one or more previous determinations are available and the capillary resistance in each was found to be decreased. In 3 of these serial readings show a fall preceding the onset of intolerance.

### CONCLUSIONS

Spontaneous petechial hæmorrhages are often associated with intolerance to antisyphilitic therapy.

Toxic manifestations of antisyphilitic therapy are associated with a low or decreased capillary resistance.

The lowering of the capillary resistance may precede the appearance of clinical signs and symptoms.

These results suggest that the determination of capillary resistance might help to prevent the occurrence of intolerance during antisyphilitic and other forms of therapy with heavy metals.

We acknowledge the facilities granted by Dr. R. C. L. Batchelor, director of the department of venereal diseases at the Royal Infirmary, Edinburgh.

### REFERENCES

Horne, G. and Scarborough, H. (1940) *Lancet*, **2**, 66.
Scarborough, H. and Stewart, C. P. (1938) *Ibid*, **2**, 610.

# THE PERCUTANEOUS TUBERCULIN TEST

By F. Dudley Hart, M.D. Edin., M.R.C.P.
MEDICAL REGISTRAR AT WESTMINSTER HOSPITAL

In 1938 I published the results of percutaneous tuberculin tests in a small series of children as compared with the intracutaneous (Mantoux) test. The findings suggested that while the percutaneous method was perhaps slightly less sensitive than the intracutaneous its practical advantages outweighed its disadvantages. As a result the technique was adopted of using the patch tuberculin test as a routine in children, and, if the reading was negative or doubtful, following it up with a Mantoux test 1/100 O.T. (1 mg.). In this way the child was spared frequent intracutaneous injections, for at the most only one injection was given. The Danish State Serum Institute "tuberkulinsalve" was used in most cases as this proved to be reliable and economical; the series of cases was brought prematurely to a close as the ointment is, of course, no longer procurable.

Enough papers have now been published on the use of percutaneous tuberculin in children to prove that provided a strong and reliable tuberculin is used the test is an eminently satisfactory one from the point of view of both doctor and patient, particularly in contact schemes where large numbers of children of tuberculous families are tested (Monrad 1936, Wolff and Hurwitz 1937, Anzen 1935, Vollmer and Goldberger 1937, Court 1939, Pearce et al. 1940). The use of a tuberculin test is essential in contact schemes and the ease with which a patch test is done makes it the method of choice in children. We accordingly began to test adults and adolescents of different age-groups to find if the test was equally reliable in older age-groups. Grut (1939), in the meantime, published figures in a small series of cases suggesting that although the test appeared to be less reliable in adults, comparison with the Mantoux test was favourable. Of 270 Mantoux-positive adults "at most 6%" failed to react with the plaster method while in childhood only 3% failed to react. Grant Taylor (1939) found the patch test slightly more sensitive than the Mantoux in young adults.

### SCHEME

The persons tested were all of hospital class and were all resident in or near London, though many came originally from Ireland, Scotland, Wales and elsewhere. They were divided into the following groups:—

1. Children aged 15 and under; 700 were tested * by three methods at the same time: the Mantoux intradermal test, starting with a dilution of 1/10,000 and repeating if negative in dilutions of 1/1000 and 1/100 O.T. (that is, 0·01, 0·1 and 1 mg.); the Lederle (Vollmer) patch test; and the patch test using the Danish State Serum Institute's tuberkulinsalve. The next 300 children received two tests only; if two tuberkulinsalve-patch tests were negative a Mantoux test 1/100 (1 mg.) was performed.
2. Children aged 15 and under known to have a primary tuberculous focus or inactive tuberculous disease.
3. Cases of quiescent pulmonary tuberculosis aged 16–50.
4. Adults over the age of 59.

In groups 2, 3, and 4 the tuberkulinsalve patch only was used, a second patch being applied if the first proved to be negative.

5. A second group of adults over the age of 59 in whom the tuberkulinsalve test was checked by the Mantoux test.

*Mantoux test.*—Sufficient of the required dilution of O.T. was injected into the skin of the forearm to raise a weal 8 mm. in diameter. Two ink marks 8 mm. apart were made with the point of a pen on the front of the forearm and the special short-bevel Mantoux needle inserted midway between. To raise a standard 8 mm. weal 0·1 c.cm. of the solution was usually necessary. In this way size of weal raised and amount of O.T. injected were standardised as much as possible. It was found that if 0·1 c.cm. failed to raise a standard weal some of the solution had escaped on or under the skin and the test was repeated in a fresh site. The result was read in 48 hours, weal and erythema being measured and importance attached to the former. A weal less than 10 mm. in diameter was not accepted as positive (to be positive a weal had to be at least 2 mm. greater in diameter than the original weal raised).

*Lederle (Vollmer) patch test.*—This was used only in the first 700 cases in children and was then discarded in favour of the Danish preparation. Patches were applied over front or back of the chest after cleansing the skin thoroughly with acetone and drying. The patch was removed after 48 hours and read 24 hours later. Positive reactions varied from a few papules or vesicles or both to a raised red area the size of the patch, with some desquamation in a few strongly positive cases.

*Tuberkulinsalve-patch test.*—The ointment is put up in 4 c.cm. tubes resembling small tooth-paste tubes. Details of its manufacture are given by Jensen (1938). It is a mixture of purified tuberculin and old tuberculin (twice the strength of international standard tuberculin) absorbed in the ointment as a sponge, the ointment therefore having the same activity as the tuberculin itself. This is as used by Monrad (1936) and is often known as the Monrad test. An area of skin (free from hair) over forearm or chest was cleaned with acetone and dried; a bead of ointment the size of a split-pea was then squeezed on to a piece of ordinary adhesive tape 1 in. square and the tape applied to the prepared area. The amount used was reduced if a strongly positive reaction was expected. One, or usually two, patches were applied, removed in 24 hours, and read after a further 48 hours. Reactions were as with the Lederle test. Plain squares of adhesive tape were used in most cases as controls but were abandoned in the later cases as they seemed to be unnecessary.

### RESULTS

A group of children under 16 years were tested by Mantoux 1/10,000 → 1/1000 → 1/100, Lederle and tuberkulinsalve-patch tests; 113 were Mantoux-positive, 587 Mantoux-negative. All the negative reactions gave negative patch tests to both Lederle and tuberkulinsalve patches; 4 children who were positive to 1 mg. O.T. intracutaneously failed to react to the tuberkulinsalve and 3 of these also failed to react to the Lederle patch; 4 failed to react to the Lederle and 3 of these failed with the tuberkulinsalve.

A group of 300 children under 16 years were tested by two tuberkulinsalve patches and if negative by a 1/100 solution of O.T. intradermally (1 mg. Mantoux). Of the

* This group includes the 560 cases previously reported (*Lancet*, 1938, **2**, 609).

247 patch-negative children only 4 gave positive intradermal tests, none of them severe.

Of 114 children aged 15 and under known to be "tubercularised" but without active tuberculous disease 4 (3·5%) failed to react to the Danish tuberkulinsalve-patch test.

Of 170 adults aged 16–50 with quiescent pulmonary tuberculosis 13 (7·6%) failed to react to two tuberkulinsalve-patch tests.

Of 70 adults aged 60 or more, 14 failed to react to the tuberkulinsalve-patch test.

Of 40 adults aged 60 or more, only 1 failed to give an intradermal positive reaction (1/10,000 → 1/1000 → 1/100). This subject and 3 others (Mantoux positive) failed to react to the tuberkulinsalve-patch test.

### DISCUSSION

These findings suggested that the older the skin the less reliable the percutaneous test became. Even so, except in the old age-group, the discrepancy was not very great, though great enough to make the result of doubtful value in adults and adolescents unless controlled by a final intracutaneous test. Grant Taylor (1939) made the same observation as regards the old age-group, for 12 out of his 15 non-reactors (using the Lederle patch) were over 50 years, but he found actually more patch-positive than Mantoux-positive results in young adults, students, and nurses. He also found the test to be reliable in coloured patients. One fact that emerged from our series was that doubtfully patch-positive reactions occurred in only a few cases which proved to be negative on a second test; false positives were on the whole conspicuous by their absence.

In children the test appears to be eminently satisfactory. The bad reputation earned by previous percutaneous tuberculin tests was due to the insufficiently strong tuberculin used. Much ground has been covered since Moro, in 1907, published the results of his inunction method, and with the strengths of tuberculin now used inunction is not necessary—the plaster is applied but no friction is used. Systemic reactions do not appear to occur (though I have my doubts about 2 cases which gave strong positive reactions accompanied by a slight rise in temperature) and patients are spared the needle to a great extent. The material lasts several months (10 or more) if kept in a cool place and is, if the Danish material is used, inexpensive (about a penny a patch).† The busy tuberculosis officer with a large contact scheme can relegate the actual testing to his nurse, who asks the mother to return with the children in three days for the tests to be read. Many mothers who refused to have their children "injected" raised no objection to the patch test.

It was found that a recently "tubercularised" subject usually gave a strong reaction to the percutaneous test, a fact noted previously with other methods of tuberculin testing. A contact, previously tuberculin-negative, gave a decided reaction to his first positive patch in several cases. In a few subjects the local reaction was so severe as to cause desquamation and a degree of discomfort, but, except in the 2 doubtful cases, there was no systemic reaction. The difference in skin tuberculin-sensitivity using the percutaneous test in the different age-groups is interesting. The older and the more dry and inelastic the skin the more unreliable the test appeared to become, the younger and more sensitive the more reliable. Nevertheless, I obtained no definite impression about "reactive" and "non-reactive" types of skin, and the failures occurred in all types from the dark-skinned Indian to the fair-skinned blonde. In a few cases the test appeared somewhat later than usual—possibly they displayed the "delayed skin sensitivity" suggested by Grut.

### SUMMARY

Percutaneous tests were performed on nearly 1400 subjects of different age-groups. It appeared that the patch test (Lederle or Danish) gave a high degree of agreement with the Mantoux test under 16 years of age and became less reliable thereafter.

The Danish State Serum Institute tuberkulinsalve was adopted as the patch test of choice.

Percutaneous tuberculin tests appear unreliable in old age but to what extent is uncertain. In adolescents and adults the test may be of use if checked by intradermal tests when the result of two patches is negative. False positives appear to be very rare.

Percutaneous (patch) tuberculin tests will be found to be of greatest use in contact schemes and in excluding tuberculous disease in childhood.

My thanks for help and advice are due to Dr. W. E. Lloyd and Dr. Bernard Schlesinger.

† Patch tests available in this country are the Vollmer test (Lederle) and that of Evans Sons Lescher and Webb. The Danish material is not at present obtainable.

### REFERENCES

Anzen, G. (1935) *Amer. J. Dis. Child.* **50**, 104.
Court, S. D. M. (1939) *Brit. med. J.* **1**, 824.
Grut, A. (1939) *Ugeskr. Laeg.* **20**, 597.
Hart, F. D. (1938) *Lancet*, **2**, 609.
Jensen, K. A. (1938) *Tubercle, Lond.* **19**, 467.
Monrad, S. (1936) *Ugeskr. Laeg.* **98**, 885.
Moro, E. and Doganoff, A. (1907) *Wien. klin. Wschr.* **20**, 933.
Pearce, A. J., Fried, R. I. and Glover, V. A. (1940) *J. Amer. med. Ass.* **114**, 227.
Taylor, G. (1939) *Amer. Rev. Tuberc.* **40**, 236.
Vollmer, H. and Goldberger, E. W. (1937) *Amer. J. Dis. Child.* **54**, 1019.
Wolff, E. and Hurwitz, S. (1937) *J. Amer. med. Ass.* **109**, 2042.

## ACUTE LUNG ABSCESS TREATED WITH M. & B. 693

BY J. S. RICHARDSON, M.D. Camb., M.R.C.P.
MAJOR, R.A.M.C.; MEDICAL SPECIALIST AT A MILITARY HOSPITAL

SULPHANILAMIDE has not had an impressive record in the treatment of lung abscess, and Fisher and Finney [1] could find only 1 success for it out of 88 cases treated by various means. Taylor, Yusuf and Chitkara,[2] however, treated 7 cases with M. & B. 693 with striking success in 3, all of whom had had symptoms for several weeks; 2 of the unsuccessful cases received negligible doses of the drug, but 1, admitted to hospital only three days after the onset of symptoms, died in spite of a total dosage of 40 g. An annotation in THE LANCET (1940, **2**, 337) pointed out that lack of success was to be expected because the presence of pus interfered with the action of sulphapyridine. This suggested that the following case might be of interest.

An officer in the R.A.M.C., aged 26, was admitted to hospital on Oct. 3, 1940. He complained of foul tasting sputum and general malaise, and had found that his temperature was raised at night. His symptoms had been present for three days. He had had the usual childish illnesses. For some time he had had frequent attacks of tonsillitis and his tonsils were removed for this about a fortnight before his admission. The operation was done under gas, oxygen and ether, with no premedication and his convalescence was uneventful until Sept. 29. On the afternoon of that day he felt ill, shivering and having generalised aches. Next day he went to a seaside resort still feeling unwell and two days later developed a pain in the right scapular region. The following day he began to bring up blood-stained sputum which had an extremely foul taste. On admission his temperature was 99° F., his pulse-rate 80 and his respirations 20. He looked ill. The condition of his fauces was satisfactory, his mouth clean and there was no fœtor. His finger-nails did not show any clubbing. His chest showed a few crepitations at the right base and low-pitched bronchial breathing at the right apex posteriorly, well out towards the upper end of the scapular spine. His sputum contained small caseous lumps, slightly blood-stained, floating in a frothy mucopurulent fluid. It was not particularly putrid but the patient complained bitterly of the foulness of its taste. With a view to combating this, an intravenous injection of an organic arsenical was given and the foul taste disappeared within twenty-four hours. Microscopically the sputum showed neither tubercle bacilli nor Vincent's organisms, but a moderately profuse growth of *Streptococcus viridans* was grown. This was after sulphapyridine treatment had been begun. A radiogram of the chest, taken on Oct. 2, the day before admission, showed a thin-walled abscess at the apex of the right lung, well above the clavicle, with a fan-shaped

1. Fisher, A. M. and Finney, G. G. *Bull. Johns Hopk. Hosp.* 1940, **66**, 263.
2. Taylor, G. F., Yusuf, M. and Chitkara, N. L. *Lancet*, 1940, **2**, 320.

area of pneumonitis around it. The abscess cavity was about ¾ in. in diameter and contained a definite fluid level. On another radiogram taken on the 4th the fluid level was higher but the surrounding area of density was the same as on the previous film. The patient then began treatment with M. & B. 693, and this was continued for three days, during which time he had 18 g. by mouth. The blood-count taken at this time was normal in all respects, but as the patient was suffering from considerable nausea, sulphanilamide was substituted for the next few days. This was well tolerated and he had 11 g. of it, making a total of 29 g. of these drugs. On the 12th another radiogram showed the area of pneumonitis to be smaller and no evidence of an abscess could be seen. He was by this time extremely well. His temperature settled within two days of beginning the sulphapyridine and all physical signs disappeared. At the beginning of treatment his blood-sedimentation rate by Payne's method was 27 mm. at the end of an hour, but had fallen to within normal limits (6 mm.) before he was discharged. The patient's condition continued to be satisfactory, and on Oct. 21 a radiogram showed normal lung fields, with no evidence of abnormality at the right apex. He was discharged twenty-two days after admission apparently completely cured.

This patient was a doctor, who reported sick as soon as he noticed that his sputum tasted foul. He was admitted to hospital immediately, and thus attention was rapidly drawn to his small acute abscess in its unusual situation at the extreme apex of the right upper lobe. The success of sulphapyridine is not therefore beyond dispute in this case, for it might be argued that small acute lung abscesses are not rare so much as unrecognised, and may heal spontaneously. The fact remains, however, that after the course of treatment the abscess and surrounding area of inflammation disappeared entirely within thirteen days.

My thanks are due to the officer commanding the military hospital for permission to publish this case.

## Medical Societies

### ROYAL SOCIETY OF MEDICINE

AT a meeting of the Section of Neurology on March 19, with Prof. GEOFFREY JEFFERSON in the chair, a discussion on

#### Fat-embolism

was opened by Dr. A. H. T. ROBB-SMITH. He described fat-embolism as a condition in which fat, circulating as globules in the blood-stream, occludes capillaries and creates multiple foci of anoxæmia. After tracing briefly the history of its discovery and experimental production he showed, from figures in his own series of autopsies performed on accident cases, that the condition is far commoner in this country than has been generally recognised. He attributed the lack of recognition to the less systematic pathological examination of such cases here than on the Continent and in America. Fat-embolism is usually due to gross trauma, and, from his experience, Dr. Robb-Smith regards it as playing a significant part in the fatal outcome in 25% of cases, though this assessment cannot be other than arbitrary. The extent of the trauma is important and fat-embolism is most frequent in association with multiple fractures, especially those involving long bones. But the condition may also be found in cases in which the skull alone has been fractured or even where no fracture has occurred. Thus it may complicate severe burns, though it is then usually slight in amount, and it may follow manipulations or the therapeutic injection of oily solutions. It is a frequent complication of poisoning by ammonia and other alkalis.

Dr. Robb-Smith went on to discuss the controversial subject of the source of the fatty material and the means whereby it enters the circulation. He considers that the history in most cases favours a local rather than a hæmic origin of the emboli. He then described the clinical picture of pulmonary fat-embolism. In a classical example there is an early stage of shock which, having been dissipated by treatment, is followed after a variable latent period by dyspnœa, cyanosis and pains in the limbs with a sense of thoracic constriction. These signs and symptoms are accompanied by a rise of pulse-rate, respiration-rate, and temperature, but no fall in blood-pressure. Examination of the chest reveals a few râles but no signs of consolidation and there may be a little frothy sputum. These are the signs of acute pulmonary œdema and the patient may die in this anoxæmic phase from right-heart failure. Usually, however, the severity of the symptoms diminishes, the respiration-rate remains high and signs of pneumonia develop. In this stage a true pneumonic consolidation may result from a secondary infection. No diagnostic aids give an unequivocal answer in connexion with pulmonary fat-embolism. The morbid anatomy is distinctive when once it has become familiar; a useful test is to take a thin shaving of the lung tissue, clear it for a few minutes in 2% potash solution and then examine it under the microscope, when the emboli can be clearly distinguished as refractile droplets and cylinders. Symptoms of systemic fat-embolism may develop a few days after the accident; they are characterised by a delirium which is often violent, alternating with stupor and merging into coma; hyperpyrexia is the rule and petechiæ may appear in the skin of the neck, chest and arms. Lumbar puncture shows no constant changes, though fat has been described as a constituent of the fluid. Examination of the optic fundi may reveal segmentation by fat of the columns of red cells in the vessels and associated hæmorrhages. Fat may also be demonstrated in the urine.

Outlining the treatment of fat-embolism in general, Dr. Robb-Smith recommended, on prophylactic grounds, that the immobilisation of fractures should be as complete as possible and that a tourniquet should be applied during manipulation and released slowly afterwards. The administration of oxygen during the stage of pulmonary œdema is helpful and the subcutaneous injection of adrenaline should be tried. Intravenous therapy is inadvisable at this stage. Sodium desoxycholate has been tried on one patient, but although the pulmonary symptoms improved cerebral fat-embolism and death followed later. Animal experiments are in progress with this substance and so far it appears to be harmful. Dr. Robb-Smith emphasised the need for a wider recognition of the clinical manifestations of fat-embolism; further study may thus lead to more rational forms of therapy.

Dr. DOROTHY RUSSELL outlined the clinical and pathological features of two cases of cerebral fat-embolism. In the second of these a severe head injury, which had received effective surgical treatment, was associated with trauma elsewhere. The diagnosis of fat-embolism in such cases may be very difficult. In addition to the numerous foci of necrosis and hæmorrhage in both cerebral cortex and white matter associated with capillary fat-embolism, which have been widely recognised as characteristic features, Dr. Russell drew attention to the great concentration of emboli in the choroid plexuses. These had led, in both cases, to widespread degeneration of the epithelium and she suggested that the cerebrospinal fluid should be examined more critically for what might prove to be diagnostic changes. A similar change in the plexuses has been observed by Fazekas in experimental fat-embolism produced by ammonium and sodium hydroxide poisoning. An unusual feature in one case was a large anæmic infarct in an occipital lobe due to thrombosis of an adjacent meningeal artery.

Dr. J. G. GREENFIELD described a case of cerebral fat-embolism in which hæmorrhages were not conspicuous in the brain although emboli were abundant. The subcortical white matter showed numerous sharply defined perivascular areas of demyelination. In the cortex these were represented by areas of necrosis which, again, presented rather definite borders.

Mr. A. H. HUNT pleaded for the wider recognition of fat-embolism in differential diagnosis. The multiplicity and changeability of the initial signs and symptoms are characteristic of the condition. He has observed recovery from cerebral fat-embolism in a man of 29 who, at an early stage of his illness, developed right hemiplegia and became comatose. Bilateral exploratory craniotomy was performed, and on the fifth day petechiæ appeared in the skin and fat in the urine. From the seventh day he began to improve and became mentally normal within a month. Since then he has retained good intelligence and memory but sleeps little and has developed headache on resting.

In the discussion that followed Dr. ROBB-SMITH said that the fat in fat-embolism is probably derived from the traumatised areas but it is possible that fat is freed, at an early stage in subjects suffering from trauma, through the action of a lipoproteinase. No anæsthetic was given in most of the examples forming his series but there is experimental evidence that the administration of ether diminishes the number of emboli. When the ether was dispersed, however, more emboli appeared than in controls, so that this form of treatment cannot be advised as a prophylactic measure.—Dr. ERIC GARDNER noted that fat-embolism appears more frequently in the young than in the old; Dr. ROBB-SMITH agreed, but he had found that fatal injuries are in general more common in the early decades.—Dr. D. DENNY-BROWN asked for information about the time required for the development of changes in the myelin in these cases. Examples have been reported in the literature as "delayed concussion" which were almost certainly due to fat-embolism. He noted that petechial hæmorrhages are a feature of both conditions.

## LIVERPOOL MEDICAL INSTITUTION

AT a meeting of this institution on March 6, with Prof. O. HERBERT WILLIAMS, the president, in the chair, a discussion on

### War Neuroses

was opened by Dr. WILLIAM JOHNSON. He said that in anticipation of cases occurring amongst civilians as a result of air-raids an E.M.S. centre was opened in Liverpool early in the war. Instructions were circulated by the group officer to first-aid posts and receiving hospitals with suggestions for dealing with patients in order to limit the number admitted to the centre. As it turned out there was a dearth of civilian cases and not a single one has been admitted to the centre. This experience is very similar to that in other centres. After the evacuation of Dunkirk a group of military patients was admitted comprising types the same as those admitted to a centre in France during the battle of Passchendaele. The majority of cases admitted to the centre in the past eighteen months have been soldiers who have not served outside this country. Some were army misfits, others needed grading into lower categories, and some after treatment were fit to return to their units. With regard to the latter a follow-up system is being carried out. Those whom it was found necessary to board out of the Army were chiefly among the misfits, and men who had suffered from neuroses in civil life. In the centre the hospital atmosphere is as far as possible excluded. Very few patients are kept in bed, and a routine programme is in operation which ensures that patients are occupied through the day. Physical-training instructors, occupational therapists, and instructors from among N.C.O. patients have been appointed. Carpentry, basket-work, raffia work, weaving, squad drill, route marches, games and talks on military subjects are contained in the programme. It is important that military discipline shall be maintained in the centre.

Dr. F. HOPKINS referred to the controversy which was waged in the medical journals some months ago on the subject of treatment in neurosis centres, and said that the real issue now is whether patients should be treated from the viewpoint of one particular school of medical psychology—the psycho-analytic—or by more flexible and practical methods of applied psychology. The choice and carrying out of psychological treatment is important, but it is but one of the functions of the psychiatrist; diagnosis, prognosis and disposal was equally important, for only a relatively small proportion of cases require or are able to benefit by anything other than the more superficial kinds of treatment. In every case admitted an estimate should be made of the optimum result possible before treatment is embarked on. One of the most difficult problems is the disposal of the man who, though his disability may be slight, is unlikely to be a satisfactory soldier on account of personality type and attitude to service, but who might be an adequate civilian worker.

Dr. S. BARTON HALL considered it important to determine as early as possible a man's fundamental attitude towards military service, as distinct from that outwardly expressed, since thereby much unnecessary effort, waste of therapeutic skill, inefficient service, and friction in the military machine, not to speak of expenditure of public money, could be saved. In 150 consecutive cases of neurosis investigated, few of which were acute, the attitude towards service was at the outset found to be unsatisfactory in 76. Of these, only 2 could be rehabilitated to a degree sufficient to enable them to return to their units. On the other hand, of 24 patients whose attitude towards service was found to be satisfactory 21 returned to their units with in many cases excellent prospect of rendering further useful service. Among those whose attitude to service was unsatisfactory, a relatively high proportion were men, often over the age of 40, who had previously served in the Army, and even been invalided out and pensioned from it during the war of 1914–18. Of 33 soldiers referred for psychiatric investigation as outpatients, 11 were found to be mentally defective, though previously unascertained, and in 2 others intellectual development was so retarded as to incapacitate them for military training or service in any grade. The anomaly in the examination of recruits thus revealed is of grave concern for the Army, and it reveals a serious defect both in the application of provisions for ascertainment of mental defect in the Education and Mental Deficiency Acts and also in the system of medical education whereby a board of medical men can pass men so handicapped as suitable for military service.

Dr. N. S. ALCOCK said that the essential in running a war-neurosis centre is the combination of physical and mental management. In the initial interview the attitude of the patient is determined. First it is decided whether he should be allowed to mix with the other men in the centre, or whether, as in hysterical patients, symptoms must be removed before he can join in the activities of the centre. Secondly, occupation is discussed—what the man can do to help in the occupational programme and what type of occupation will most benefit him. Lastly, he is allocated to his medical officer. In running the centre every endeavour is made to make it approximate as nearly as possible to life in the units. The part played by the N.C.O. patients in running the occupational programme should be emphasised both for their own treatment and readjustment and also to get nearer the army life. Patients should not spend too long in other hospitals before coming to the centre, or their previous hospitalisation will form a serious handicap to their fitting in with the running of the centre. Unless there is a fairly close approximation between life in the centre and in the Army the adaptation the men make may be of little help when they return to the Army.

### Surgical Problems of War Casualties

In opening a discussion on surgical problems, Prof. T. P. MCMURRAY said that the outstanding feature of the surgery of the present war, as compared with the last, is the almost complete disappearance of the ward dressing trolley and the ward gas apparatus. The appalling pain caused by the daily or twice daily dressings has gone, and in its place is the modern technique of excision and fixation. Fixation is almost always by plaster-of-paris, though in wounds of the thigh in fat women complete fixation by this means is extremely difficult. An addition to the technique is the use of sulphanilamide by packs or in powdered form, or by insufflation on the surface of the wound. Although sulphanilamide has helped to prevent sepsis in some cases which have not come for operation for 4–8 hours after the infliction of the wound, nothing can replace perfect excision of the wound, which is the essential point in treatment. It is criminal to suggest that excision can be done badly so long as sulphanilamide is used. The main problems met with now are shock, for which treatment is almost standardised; sepsis, the prevention of which depends largely on excision of infected and dead tissues and wide opening up of tissues which have become infected; and fractures of the pelvis, which have been common owing to the falling in of bombed houses. In many cases of fractured pelvis there is a rupture of the urethra, and it would be well if agreement could be come to on the ideal treatment for this complication. Are patients with a ruptured urethra to be treated with a

catheter in position, or by suprapubic cystotomy, and what are the advantages of each? Professor McMurray warned those who apply plaster-of-paris without much experience that though this is a safe method of treatment so long as it is applied smoothly and without pressure, yet if skin-tight plaster is used on a limb the patient should not be transferred from the hospital for at least 48 hours. During that time any abnormal point of pressure can be diagnosed and the pressure relieved, but if the patient is allowed to go home or to another hospital soon after the application of the plaster tragedies may happen.

The PRESIDENT said that in rupture of the urethra it is necessary to differentiate between the intrapelvic and extrapelvic varieties. In the former the urine escapes into the pelvic cellular tissue behind the triangular ligament; in the latter the escape is into the tissue of the perinæum in front of the triangular ligament. It is the intrapelvic variety that occurs usually in fractured pelvis. To establish the diagnosis of such a rupture it will be necessary to pass a catheter. This should be done extremely gently, for more likely than not the tip of the instrument will pass through the rupture into the pelvic cellular tissue and this will tend to spread infection. Even if the catheter does pass beyond the rupture into the bladder drainage will be inadequate; urine can still pass along the outside of the catheter and further infect the peri-urethral tissue. Immediate suprapubic cystotomy and suction drainage is the rational line of treatment to follow in these cases.

Mr. F. RONALD EDWARDS said that plasma is still not always being used in sufficient quantities, and a very rapid increase in blood-volume is necessary in severe cases of shock. This can only be obtained by forced plasma administration with multiple cannulæ. Oxygen therapy by the B.L.B. mask in shock is sadly neglected and this may turn the scale in a desperate case. Desoxycorticosterone should be given a fuller clinical trial in shock. There seems to be difference of opinion as to how and when to give sulphonamides in war injuries. Certain wounds cannot be satisfactorily excised without producing a deformity out of all proportion to the original injury. Many wounds come into close relation with important vessels and nerves which cannot be excised and are still potentially infected. The sulphonamides seem to exert a definite inhibitory effect on anaerobic infection, and for this reason should be inserted into the primarily excised wound. With wounds which are already grossly infected local sulphonamide tends to be washed away by the discharge, and it is then better to administer the drugs by mouth or intramuscularly, so that they will reach the organisms deep in the wounded area via the blood-stream. If possible, estimations of the concentration in the blood should be done, a level of 10–15 mg. per 100 c.cm. being maintained. The incidence of gas gangrene is low—0·5% in the Liverpool area, with a fatality of 40%. Tetanus has not been seen. In perforating abdominal wounds, patients with involvement of solid viscera only as a rule do well, but in those with perforation of the alimentary canal submitted to operation the fatality is over 90%. These patients die from shock not peritoneal infection, and further work is needed on the action of sulphonamides in the peritoneal cavity to stay infection, so that shock may be more efficiently treated before these people are operated on.

## Reviews of Books

### Practical Public Health Problems

By Sir WILLIAM SAVAGE, M.D. Lond., examiner in the Universities of London and Wales. London: J. and A. Churchill. Pp. 198. 10s. 6d.

THIS practical guide to problems in general hygiene which confront every medical officer of health will be especially valuable to those recently appointed who find difficulty in practising in the field what they have learned in the books and the laboratory. Sir William, from his great experience in the work of a medical officer, in research, and in the examination of candidates for diplomas, knows where failures in preventive medicine are likely to occur and in this book he tells us how to avoid them. Especially good are the chapters on water, milk and investigations of food-poisoning outbreaks. The book is concerned only with basic hygiene and makes no mention of school medicine, maternity and child welfare and other burdens which in recent times have been laid on the medical officer. In the preface Sir William Savage calls himself "an old timer bred in the old tradition," but his book is completely up to date.

### Modern Medical Therapy in General Practice

Edited by DAVID PRESWICK BARR, M.D., LL.D., Busch professor of medicine, Washington University; physician-in-chief, Barnes Hospital, St. Louis. London: Baillière, Tindall and Cox. Three vols. Pp. 3661. £9 12s. 6d.

TEXTBOOKS of therapeutics are apparently in the fashion. This big one, which has 106 contributors, is designed for practitioners and covers "the non-surgical treatment of disease." The first volume deals with general therapy, including the use of drugs, vaccines, sera and physiotherapy, and ends with the treatment of deficiency diseases and diseases of metabolism and allergy. The second volume opens with a section on infectious diseases and thereafter describes diseases of the different systems. In any book of this wide scope and with so many contributors repetition is difficult to avoid, but here the editor has performed his task well. Most of the sections are excellent and specialists as well as general practitioners will find the book a source of authoritative information. The general index, an important part of a book of this kind, is comprehensive and occupies nearly 100 pages.

### A Short Practice of Surgery

(5th ed.) By HAMILTON BAILEY, F.R.C.S., and R. J. MCNEILL LOVE, M.S., F.R.C.S. London: H. K. Lewis. Pp. 1016. 30s.

THE additions and alterations to this work are mainly minor. Many of the contributions to surgical knowledge within the last two years which are of established value have been included, chemotherapy being given, as it deserves, an important but not too prominent a place. As in earlier editions more importance has been attached to pictorial than to verbal stimuli, and a large number of new illustrations have been added; though some have been retained which might well have been discarded. The historical footnotes which first appeared in the last edition have been multiplied, flavouring pleasantly the routine of study. The chapters on genito-urinary surgery remain very good indeed, and those on the abdomen, mouth, neck and breast are also well done. Although other sections—notably those dealing with fractures and general surgical pathology—do not reach this level, the book as a whole will certainly maintain its popularity with undergraduates.

### Speech Training for the Deaf Child

By SYLVIA M. MARTIN, associate of the British Society of Speech Therapists. London: George Allen and Unwin. Pp. 114. 5s.

IN war the physically disabled are apt to be neglected, but there is always someone who has their well-being in mind. Miss Martin has written this book to guide intelligent parents in the speech-training of their deaf children. It was needed in peace-time when deaf-mute clinics for preschool children were few and far between; still more is it needed now when social organisation is more difficult. The book is presented in concise and clear form. The general advice and particular instructions encourage the parent to proceed step by step to a final success. Not only is speech aimed at but normal speech with pure vowel and consonant discrimination and normal inflection. The gradation of exercises is admirably arranged for this purpose. At the same time they are simple and with patience can easily be carried out. The consultant, the general practitioner, and the speech therapist may justly recommend this book. Its use will allay an attitude of hopelessness in the parent and prevent the wastage of the early years for training purposes.

# THE LANCET

*LONDON: SATURDAY, MARCH 29, 1941*


## THE PREVENTION OF GAS GANGRENE

THE cause of gas gangrene is, as OGILVIE[1] has remarked, a particular opportunity rather than a particular organism. It requires first, an infected soil (the infecting anaerobes are often present on soiled clothing); secondly, a deep wound of muscle (rarely areolar tissue as in the retroperitoneum) usually caused by bomb or shell splinters; and thirdly, a time-interval of 12–24 hours between wounding and surgical treatment, although fulminating cases may develop within a few hours of injury. The first two requisites are generally accepted, but it is not so widely recognised that time as a factor in establishing infection is probably more important in gas gangrene than in any other disease. The patient's life may depend on his being surgically attended within 12–24 hours of wounding. Wherever there has been delay in the treatment of war wounds gas gangrene has become a prevalent infection, an experience dearly won in the 1914–18 war. With air-raid casualties there should theoretically be little delay in treatment, but various circumstances may combine to interfere with adequate surgical attention within the safe period, and in fact clinical gas gangrene has been cropping up in a number of hospitals dealing with civilian casualties; rates of 0·5 and 2·7% have been quoted but the incidence depends a good deal on the nature and severity of the casualties. If it is granted that early surgical débridement, admittedly the best prophylactic if properly carried out, is not always possible, other available methods for the prevention of gas gangrene must be used. Because gas-forming anaerobes kill by the toxins they produce, gas-gangrene antitoxin might reasonably be considered the prophylactic of choice. Yet it has never become popular; indeed, in the early period of this war an official circular forbade its use prophylactically for air-raid casualties. Surgeons found they could dispense with it in civil practice, and TRUETA's experience with air-raid casualties and other war wounds in the Spanish civil war—1 case of gas gangrene among over 1000 patients—strengthened opinion against its use. Some go further and say that as a prophylactic gas-gangrene antitoxin is ineffective, although it is difficult to find on what grounds this view is based. Only one large-scale experiment on the prophylactic use of *Cl. welchii* antitoxin has been recorded, and the findings were on the whole favourable. In France in 1918 alternate divisions were issued with either ordinary antitetanic serum or this with the addition of a low-titre *Cl. welchii* antitoxin, and one or the other was given as a prophylactic to all the wounded. The results were as shown in the following table.[2]

To quote ADRIAN STOKES "The experiment demonstrates what would naturally be expected, that the number of cases occurring in the casualty clearing stations was not influenced and that the incidence at the base was probably diminished. The period between the administration of the prophylactic serum and the recording of the presence of gangrene at a casualty clearing station would often be a matter of only a few hours, and also those cases which had been lying out, or whose evacuation had been delayed owing to military conditions, and in whom the gangrenous process had probably begun at the time of the injection of the serum, are included in the C.C.S. records. On the other hand, the mortality in cases arising in base hospitals was reduced by about 50%. It must also be remembered that only one of the pathogenic organisms was prophylactically dealt with in this series." On the experimental side there is abundant evidence, supported anew by Dr. GORDON and Professor MCLEOD in this issue, that antitoxin is effective when used prophylactically. If it is given some hours after infection the results are less uniform, being as a rule better in infections with *Cl. welchii* than with *Cl. septique*, which may be due to the fact that *Cl. welchii* is more toxigenic than invasive, whereas *Cl. septique* is both toxigenic and invasive and therefore less amenable to the action of an antitoxic serum. Infection with *Cl. œdematiens* (*novyi*), which is mostly toxigenic, should be readily prevented by the specific antitoxin.

| — | No. of men | Cases of gangrene | Deaths | Morbidity per 1000 | Fatality (%) |
|---|---|---|---|---|---|
| *Front area—* | | | | | |
| A.T.S. & W.* .. | 9484 | 119 | 26 | 12·54 | 21·84 |
| A.T.S.† .. | 13,303 | 156 | 38 | 11·72 | 24·35 |
| *At the base—* | | | | | |
| A.T.S. & W. .. | 15,740 | 43 | 5 | 2·73 | 11·62 |
| A.T.S. .. | 23,792 | 92 | 21 | 3·86 | 22·62 |

* A.T.S. & W. = antitetanic serum plus antitoxin for *Cl. welchii*.
† A.T.S. = ordinary antitetanic serum.

The advent of this war gave a fresh impetus to research on the prevention and treatment of experimental gas gangrene with the sulphonamide drugs which had already worked miracles in other infections. Early investigations, though encouraging, were mostly carried out on animals infected intraperitoneally and thus did not closely resemble the natural infection. When injected intramuscularly, the gas-forming anaerobes produced infection which was unaffected by sulphanilamide and only partially prevented by sulphapyridine when these drugs were given by mouth, intramuscularly or intraperitoneally. They had no therapeutic value in established infections. Since then there have been two valuable additions to the armoury—sulphathiazole, and the local application of sulphonamides to the injured and infected muscle. In the test-tube sulphathiazole seems to be superior to the other sulphonamides in its action against gas-forming anaerobes, and it has the advantage over sulphapyridine of greater solubility, which allows a higher concentration in the wound-fluids when applied locally. Allowing for differences in technique—the methods used by MCINTOSH and SELBIE[3] and by REED and ORR[4] closely resemble the natural infection—the evidence from recent investigations indicates that sulphathiazole is the most generally

1. Ogilvie, W. H. Wound Infection: Lancet War Primer. London, 1940, p. 68.
2. History of the Great War, Medical Services, Pathology. London, 1923, p. 95.
3. McIntosh, J. and Selbie, F. R. *Lancet*, Feb. 22, 1941, p. 240.
4. Reed, G. B. and Orr, J. H. *Ibid.* March 22, 1941, p. 376.

effective as a prophylactic, that local application gives better results than administration by any other route, that used locally sulphanilamide is better than sulphapyridine, and that in themselves these drugs have hardly any curative value, with the possible exception of locally applied sulphathiazole. On the basis of these results, HAWKING[5] has recommended a mixture of sulphanilamide and sulphathiazole in the proportions of 2 to 1 for local application as soon as possible after wounding. The amount of drug recommended for local use has usually been 5–15 g., but in view of the low blood-levels found clinically after such doses and the relatively big doses required to prevent experimental infection, larger amounts, say 20–30 g., could probably be safely applied, although too little is yet known about the effect of these drugs on the shocked patient.

One difficulty with local chemoprophylaxis is that it is usually not attempted until the patient is being dealt with surgically, by which time gas gangrene may be in its incipient stage and beyond drug control. The insufflation of a sulphonamide powder should be supervised by a surgeon and as a rule must be done under anæsthesia; in a shocked patient resuscitation must come first. Gas-gangrene antitoxin, on the other hand, can readily be given intramuscularly along with tetanus antitoxin as soon as the patient is attended medically. If this is done, as it should be whenever there is a deep injury of muscle, it may not always prevent local gangrenous infection, but at least the surgeon will be able later to do the toilet of the wound on a non-toxic patient. In this war, as in the last, incipient gas gangrene has been misdiagnosed as persistent shock, and operation delayed till it was too late. A point which GORDON and MCLEOD mention—and which was stressed in THE LANCET War Primer on Wound Infection (p. 25)—is that much larger doses of antitoxin than are ordinarily prescribed will be needed to combat an infection already begun but not detected clinically. A local barrage of antitoxin has been suggested when infection is present or suspected, but the intravenous route is likely to be most effective for antitoxin used therapeutically. For the declared case, a combination of drug and serum[6] will be the most effective supplement to surgical treatment and may lead to more conservative surgery. And, if the results of treatment are to be accurately assessed, every surgeon must learn to distinguish wounds infected with anaerobes from true gas gangrene,[7] in which there is an invasion of tissues not already damaged, with death and putrefaction of previously healthy tissue.

## PRESUMPTION OF DEATH

IN the Probate Court last week the President granted leave to swear the death of Mr. Alphonse Abrahams, a diamond broker, as having occurred last September when he was in a shelter which was bombed. Mr. Abrahams, it was proved, had permission to shelter in the basement of a clinic adjoining his flat; he had undressed, put his belongings on a table and inflated a rubber mattress. After the explosion (which seriously damaged the basement) his wallet and fragments of the mattress were found but there was no trace of Mr. Abrahams. Soon after the President's decision was reported a widow wrote a letter to a newspaper to complain that, her husband having volunteered for civil defence work as an A.R.P. stretcher-bearer and his depot having been bombed last September, she had to wait three months for the certificate of presumption of death and was still waiting for her widow's pension. His body had not been recovered. Unhappily there will be many of these distressing cases, and, while the assistance authorities are known to be doing their best to relieve immediate needs, there is bound to be some delay. Defence Regulation 30A, just published, will help. A coroner will be able to hold a private inquiry, without a jury, where a body is believed to have been destroyed by enemy action. He will issue a certificate to that effect, and the registrar will then issue his certificate in the usual way.

Peace-time provisions for presuming death are naturally inadequate in present conditions. Ordinarily in civil, as in criminal, proceedings there has been a cautionary rule that it is unsafe to accept the fact of death without the finding and identification of the dead body. There was in England no common-law or statutory limit to the presumption of the continuance of life; but the analogy of the criminal law of bigamy introduced a presumption of death after a period of seven years' absence. After the seven-year period the courts could look back in order to see whether death could reasonably be presumed to have occurred earlier; there was no presumption that death occurred on the last day of the period. For the purpose of granting probate the court has never insisted on waiting seven years if the missing person disappeared in circumstances which raised a strong possibility of death—for instance, if a ship had gone to sea and never reached port. In recent years there has been a greater readiness to deal with presumption of death by statute. In 1925 it was enacted that henceforth, where two persons died in circumstances which made it uncertain which of them survived the other, the younger would be deemed to have outlived the older. Under the Herbert Act in 1937 it became possible for a married person, alleging the existence of reasonable grounds for supposing the death of the other party to the marriage, to petition the court for a decree of presumption of death and dissolution of the marriage. In this connexion seven years' absence is prima-facie evidence of death if the petitioner has no reason to believe that the other party has been living within that time.

The tragedies of the war have created fresh problems, and there must be legal safeguards still where rights and property are affected. Trustees, for instance, cannot be expected to act upon statements which may turn out to be unfounded. Soon after war began, Parliament passed the Execution of Trusts (Emergency Provisions) Act. Nobody is to be deemed (for the purpose of that act) to have actual notice of any other person's death by reason only of a report that the other person is missing, or "missing, believed killed," unless the death has been presumed by order of a competent court and the person in question has notice of the order. The new defence regulation seems to allow coroners to usurp the functions of the High Court.

5. Hawking, F. *Brit. med. J.* Feb. 22, 1941, p. 263.
6. Henderson, D. W. and Gorer, P. A. *J. Hyg. Camb.* 1940, **40**, 345.
7. Mullally, G. T. *Lancet*, March 1, 1941, p. 269.

## HALLUCINATIONS

LITERARY descriptions of hallucinations are plentiful not only in the archives of mental hospitals but also in accounts of religious or "psychic" experiences and in the autobiographies of poets and scientists. Many writers on this subject—which lends itself readily to philosophical treatment—have found confirmation of their special theories among the abundant material. Others, distrusting all observations but their own, have tried to gain information at the source by questioning and examining hallucinated patients. But the reports of such patients are not often satisfactory; judgment and memory seem to be impaired during the hallucinatory phase, as they are in the normal dreaming sleeper, and descriptive ability is rarely adequate. Owing to the vagueness and indifference of verbal descriptions, one school has concluded that hallucinations are not in any way specific: that they are merely vivid images identical with the mental images of any normal person, important and significant to the patient only because of his disturbed mental condition. This school puts emphasis on the psychological background, rather neglecting the sensory element in the hallucination. Others suspect that unsatisfactory descriptions may be a natural outcome of the strange appearance presented by many hallucinations which—according to this theory—differ so much from the real world to which our language is adapted that words prove inadequate to describe them, and patients, even after recovering their critical faculties, form new words or use comparisons which are difficult to understand.

The strangeness of hallucinations, and the unreliability of polished literary witnesses, have been largely confirmed since the discovery of mescaline, the active principle of a plant used by Mexican Indians for many centuries in their religious ceremonials. By injecting mescaline it is possible to change a person, for a few hours, into a hallucinated psychotic. There is no danger of addiction, as with opium or hashish, and the few after-effects of the experiments are slight. The application of these artificial psychoses to the study of psychological medicine is far from being exhausted. Mescaline hallucinations are predominantly, but not exclusively, visual; consciousness remains relatively clear throughout a great part of the intoxication. Nevertheless, even trained observers find difficulty in giving a description of what they have experienced, and complain of lack of suitable expressions. MACLAY and GUTTMANN[1] gave the drug to artists and asked them to sketch what they saw and to make other drawings in retrospect. It is striking that many of the peculiarities of the drawings thus obtained can be explained in terms of sensory physiology. Fretwork patterns resembling the choroid capillaries, tapestry picturing the retinal artery and its branches, patterns similar to coloured scotomas or the fortification patterns seen by patients with migraine—these seem to point to a peripheral origin of mescaline hallucinations. Other pictures illustrate the development of hallucinations with definite shape and content out of repetitive photomas or vivid after-images, a symptom also experienced by patients suffering from lesions of the occipital cortex. The useful sensory deception that things around us are still and constant in shape can break down under mescaline; nothing stands still, everything fluctuates in some phases of the intoxication and in others the faculty to see actual movement is suspended. Visual perceptions as well as hallucinations seem to change their shape incessantly: for instance, when attention is directed on a special point the hallucinated figure seems to elongate itself in that direction.

Mescaline intoxication thus supports the school which lays emphasis on the sensory peculiarities of hallucinations. On some people it makes a deep and lasting impression, especially on artistic subjects who speak of the experience as opening up new access to the visible world. This is of interest to those who like to speculate about primitive powers of sensory perceptions which may have been sacrificed to abstract thinking during human evolution. Hallucinations of poets, philosophers and religious ecstatics are, according to this view, produced by regression to a more primitive, but not necessarily less efficient, mode of experiencing.[2] However that may be, the vividness of the experience explains the original use of the drug for religious purposes and throws light on the attitude of many psychiatric patients towards their hallucinations.

1. Maclay, W. S. and Guttmann, E. *Arch. Neurol. Psychiat.* January, 1941, p. 130.

2. McCowan, P. K. *Brit. med. J.* 1939, 2, 631.

## Annotations

### MEDICAL CARE OF WOMEN IN THE FORCES

APART from a transient increase during the early months, the expected rise in venereal infections since the beginning of the war has not occurred. The recruitment of large numbers of women and young girls to the Forces was not at first accompanied by the enrolment of an appropriate number of women medical officers. This was a cause of anxiety to many people. There was good evidence that most women hesitated to report suspected venereal infection to men medical officers, and delay in treatment from this cause seemed likely to provoke spread of infection without adequate control. The Medical Women's Federation felt strongly that women who were serving should be receiving suitable sex teaching from qualified welfare officers and from medical women who had special experience in social hygiene; above all that they should on request have access to a woman medical officer. The need was definite and quickly recognised and the Services began to appoint medical women, who are now sufficiently numerous to put the federation's aim within reach. It seems, however, that the women serving and the medical men who still have charge of their health in some units are not all fully aware of the opportunity open to them. Women medical officers are fairly evenly distributed over the country, and it should now be merely a question of planning to arrange interviews for those women who wish to be examined by a woman. This does not mean that the medical women appointed are as numerous as they might be with advantage. There are still vacancies unfilled and the list of volunteers submitted by the Central Medical War Committee to the federation for a final opinion is now exhausted. Medical women with appropriate experience may feel the time is ripe to offer it. Some who put their names down earlier were not considered because the work on which they were engaged seemed at the time to deserve precedence, but it may well be that as a result of population shifts some now find themselves released, and will care to send their names in again to the secretary of the federation. The amount of venereal disease among women in the Forces has so far

been small and treatment is rapid and successful. In the early months of the war women were occasionally dismissed on acquiring infection, a dangerous and scarcely defensible practice; but this is no longer so, unless there are other and more serious grounds for dismissal. To provide adequate and sympathetic treatment is, of course, an important item in preventing the spread of venereal infections, but education which helps to develop social conscience and to promote social hygiene is equally essential. The greatest safeguard may well have been provided by the arduous character of the training, which has left little time or zest for philandering.

## SKIN LINES AND HAIR TRENDS

THE lines of the skin were studied in considerable detail in the middle of last century by Simon[1] and Langer,[2] and were beautifully and fully described by Erasmus Wilson in his "Diseases of the Skin." They are usually known as Langer's lines. The deep lines or creases are found over joints and other parts which move, and mark the more fixed points. They are produced by bands of fibrous tissue running from the skin to the deeper structures and prevent the skin from slipping about like a loose glove. J. Grayson[3] has recently studied these cutaneous ligaments on the lateral aspects of the human (and animal) digits. He finds that in addition to the bands of fibrous tissue dorsal to the vessels, running from the phalanges to the skin opposite the interphalangeal joints, as described by Cleland as long ago as 1867, other retinacula can be dissected volar to the vessels, running from the flexor sheaths to the skin. These particular retinacula do not produce skin creases because in this particular situation the skin does not become folded upon itself in flexion and yet does not move in relation to the deeper structures. Finer lines can be seen with the naked eye running in some instances transversely, in some longitudinally. These are due to the peculiar disposition of the fibrous and elastic tissue in the corium. The finest lines can be seen with a hand lens, and divide the skin into a series of tiny triangles, fitting together like a beautiful mosaic. They are well seen on the back of the hands and webs, and are produced by the finer movements of the skin. The skin lines are remarkably constant from individual to individual, though their minor variations produce the cult of palmistry and the science of fingerprint detection. Wood Jones[4] calls them tension lines, a good term which indicates their importance to the surgeon. An incision along these lines will heal with the minimum of scarring, whereas one made across them will not only gape when made but produce a wide scar when healed. Oblique incisions illustrate the effect of elastic pull, by the tendency of one side of the wound to slide relative to the other, a point that has to be noted in suturing. The result of ignoring the skin lines can easily be studied on the abdomen, where incisions are made at all angles, more in relation to the direction of the muscle-fibres underneath.

The distribution of the human hair and its direction has also been studied by Erasmus Wilson and many others since. The main arrangement of the hair on the trunk is based on a whorl in each axilla, from which the hair streams up towards the head and neck, down the arm, down across the chest and abdomen, and down the legs. In the midline of the body (front and back) lines of convergence are thus produced, and in other situations lines of divergence. Wood Jones has drawn a chart of hair distribution which differs in some respects from Erasmus Wilson's description. The hair on the head is based on a whorl in the occipital region (sometimes double) and a whorl at the medial end of each eyebrow. Bolk[5] has studied the distribution of the hair on the forehead and head of the human fœtus and finds that the hair patterns are innumerable, a fact which can readily be checked by observing differences in individuals as we see them. From these observations it is probable that despite a general conformity to plan the hair streams of the human body show much greater individual variation than the skin lines, and Wood Jones makes it clear that there is no relation between them. Various theories have been propounded to explain the distribution of the human hair, but none has met with general acceptance. Direction is given to the hair by the obliquity with which the hair follicle is set in the skin. This may be thought to be of little moment to the surgeon, but is of supreme importance when whole thickness skin is to be transplanted from one part of the body to the other, particularly on the face in the region of the eyebrows and eyelashes.

## RAPIDLY DEVELOPING SILICOSIS

IN most industries where silicosis is encountered, a characteristic feature of the disease is the slowness with which it develops. It is "insidious in onset, of great chronicity, occurring amongst workers who are exposed for years to the inhalation of siliceous dust."[6] In contrast with this well-known picture is the silicosis of abrasive soap workers, and certain men engaged in the crushing of quartz and sand-blasting. Where the concentration of fine dust in the air is very high, and where the inhaled particles are almost pure silica, a nodular fibrosis may develop rapidly and even be fatal in as short a period as a few months. This form of the disease has been referred to as "acute silicosis," but it seems a little inappropriate to describe as acute a condition which takes at least several months to develop. The more accurate though perhaps cumbersome term "rapidly developing silicosis" was adopted by the 1938 Silicosis Conference of the International Labour Office. The total number of cases recorded is not large; Ritterhoff[7] has lately reviewed them and added two new ones, both from the abrasive soap industry. Macdonald and others[8] reported the first two fatalities in this country in 1930; Middleton[9] described 14 in 1936. These all occurred among young girls employed in a soap factory in Wales. Pulmonary tuberculosis appeared to be a complicating factor in 12 (proven in 9) of them. In the United States Chapman[10] described 3 and Kilgore[11] 6 cases, most of them fatal. In the abrasive soap industry finely ground silica is mixed with powdered soap and alkali, and the view has repeatedly been advanced that the presence of the alkali enhances the toxic effect of the silica by increasing its solubility. This view seems unnecessary, if not unlikely, because of the occurrence of rapidly developing silicosis where there is no admixture of alkali with the dust. Sand-blasters working in poorly ventilated places—e.g., the recently described case of McNally,[12] tunnel workers such as those in the Johannesburg sewers and at Gauley Bridge in America[13]—may contract silicosis with all the classical features of the disease becoming apparent in a very few years or even months. Gardner believes that the "acuteness of the reaction is logically explained on high concentrations of fine free silica."

The lungs of workers dying from rapidly developing silicosis, or from some intervening infection, often show no gross appearance suggestive of silicosis; nodules are not seen on the pleural surface or on the cut surface,

1. Simon, O. *Die Localisation der Hautkrankheiten*, Berlin, 1873.
2. Langer, K. *S.B. Akad. Wiss. Wien*, 1862, Part I, p. 43; Part II, p. 45.
3. Grayson, J. *J. Anat. Lond.* January, 1941, p. 164.
4. Wood Jones, F. *Ibid*, p. 248.
5. Bolk, L. *Ibid*, 1921, 58, 206.
6. King, E. J. and Belt, T. H. *Physiol. Rev.* 1938, 18, 347.
7. Ritterhoff, R. J. *Amer. Rev. Tuberc.* January, 1941, p. 117.
8. Macdonald, G., Piggot, A. P. and Gilder, F. W. *Lancet*, 1930, 2, 846.
9. Middleton, E. L. *Ibid*, 1936, 2, 1.
10. Chapman, E. M. *J. Amer. med. Ass.* 1932, 98, 1439.
11. Kilgore, E. S. *Ibid*, 1932, 99, 1414.
12. McNally, W. D. *J. industr. Hyg.* January, 1941, p. 45.
13. Gardner, L. U. *Amer. J. publ. Hlth*, 1933, 23, 1240.

but microscopic examination reveals numerous minute silicotic nodules. The smallness of these nodules probably explains the fact that X-ray plates of the chests of these workers may fail to reveal the typical shadows of silicosis. A not infrequent finding is the interesting "metastatic silicotic nodules" of the spleen. These are held by Ritterhoff to be foci of macrophages and not typical nodules, but Belt[14] finds that they are histologically characteristic of silicosis. They are small, clear and discrete, admirably suited to minute analysis, whereas lung lesions may be coarse and conglomerate. They show clearly, in fact, all the characteristic features of the highly distinctive lesion of silicosis. The cure for rapidly developing silicosis is in the hands of the engineer. Adequate measures for the suppression of dust should, and indeed have in many instances, brought the condition under control. Whereas it is difficult to bring the dust concentrations in mines down to a non-dangerous level, it is comparatively easy to suck away the dust rising from a process over which a man works in a stationary position or to encase a man in a positive-pressure mask so that he breathes only air which is supplied from outside his dusty environment. The admirable measures instituted by the Factory Department of the Home Office have done much in this country to make "acute silicosis" a distressing medical memory of the past.

## MALARIA IN THE ARMY IN INDIA

As a cause of illness in the Army in India in 1939 malaria has not only maintained the first place but has somewhat increased its incidence over that of a year earlier.[15] For this increase the war was at least in part responsible by necessitating movements of troops, their early return from the hills and their distribution, outside established cantonments, in security posts; indeed that last factor in some instances gave 100% incidence in the autumn. In cantonments antimalarial measures have been carried on with skill, enthusiasm and success, but on the other side of cantonment boundaries the story is different. Within cantonments the "dry day," on which possible mosquito breeding places are emptied, is now accepted. Men do not grumble at the trouble but at the wind which may carry in mosquitoes from outside. This emptying excludes water stocked with gambusia—local fish which, by feeding on mosquito larvæ, effect the same object well and with less trouble. Sprays made from pyrethrum flowers imported from Kenya have proved valuable for attack on the adult insect, and the plants are now being grown in Cashmere and in India itself. Although malaria is still the greatest cause of illness in the Army in India, in the last 15 years its incidence among British troops has fallen in Rawalpindi from 473 to 41 and in Lahore from 2245 to 392—9 out of 10 infections avoided.

## THE FOCAL ORIGIN OF MAMMARY CANCER

EXPERIMENTAL research into the nature and causes of cancer is making such rapid progress that current medical teaching on this subject perpetually needs review. In the medical schools it is still commonly taught that cancer of the breast arises in a single focus, and surgeons base their treatment on this assumption. The correctness of this practice cannot be doubted, but the assumption on which it is founded lies open to question on academic grounds. Experiments have shown that œstrogens play a leading part in the causation of mammary cancer, and that in a susceptible animal a single cancer may develop although the agent has been carried to all parts of the breasts in the blood-stream. The normal as well as the pathological reactions to an œstrogen often vary in degree in different parts of a single mamma—for example, if a mouse has been subjected to a continued excess of œstrogen, the various successive changes culminating in cancer may all be present simultaneously in different parts of the same breast. Such local inequalities of response are seen in other organs which react to œstrogen. The appearance of mammary cancer at a single point, therefore, cannot be used to disprove its dependence on such a generally distributed agent as an ovarian hormone circulating in the blood. On the other hand, if this ætiology is accepted, we might expect the occasional occurrence of mammary cancer in more than one focus at the same time. In mice, cancer of the breast, whether spontaneous or artificially induced by œstrogen, is often of multifocal origin, and more than one mamma may be the seat of a primary tumour. In considering this fact one has to remember that the mammary system is much more extensive, relatively to the rest of the body, in the mouse than in woman. In women separate and grossly distinct primary cancers growing simultaneously in both breasts or in different parts of the same breast are rare, though not unknown. Another form of multifocal mammary cancer seems to be more frequent in women, that in which separate ducts or acini, within the same region of a mamma diffusely affected with precancerous changes, become the sites of malignant growth. In this sense the occasional multicentric origin of cancer in women seems established. Such an observation is not new, but fresh attention is drawn to the subject in a paper by Sir Robert Muir[1] on the evolution of mammary cancer, in which the occurrence of multifocal cancer is lucidly described and exemplified. He also points out that a malignant change may affect diffusely the cells of one region of the mamma; in such a case the cancer may be described as regional rather than focal. The implications of his remarks will doubtless have an influence on medical teaching, so that the student will be taught to regard the focal origin of mammary cancer not as a scientific fact but merely as an approximation to reality and as a gross but serviceable guide to the operator.

## IS POLIOMYELITIS WATER-BORNE?

KNOWLEDGE of the epidemiology of poliomyelitis has advanced a long way from the time when the disease was regarded as a spontaneous atrophy of the anterior horn cells of the spinal cord. But even after the infectious nature of the disease was proved, inquiry about the mode of spread was greatly restricted because the monkey was the only animal found susceptible to experimental infection, and case-to-case spread was extremely rare. However, with the help of the neutralisation test which demonstrated antibodies in a high proportion of urban communities, it became obvious that latent infection must be very common and that spread was presumably taking place by means of healthy carriers or abortive cases. Indeed, accumulated data showed many similarities between poliomyelitis and diseases spread by direct contact or droplet infection but with this contrast, that whereas, in measles for example, 99% are clinically and 1% latently infected, the ratios are reversed in poliomyelitis. But it is not all plain sailing. Outbreaks occur which are strictly localised to one district and do not follow lines of human traffic; cases crop up simultaneously in a district without any apparent opportunity for spread by a human carrier, and, most puzzling of all, whether it breaks out in England, America, Scandinavia or the Antipodes, poliomyelitis always shows a late summer or autumnal epidemic wave. Add to that the gastro-intestinal upset which often ushers in the clinical disease, and the evidence of systemic infection with involvement of mesenteric glands, and it becomes difficult to say whether poliomyelitis should be grouped with the respiratory or the intestinal infections.

14. Belt, T. H. *J. Path. Bact.* 1939, **44**, 39.
15. Annual Report on the Health of the Army in India for the Year 1939. New Delhi.

1. *J. Path. Bact.* 1941, **52**, 155.

It has been known for some years that the virus of the disease could be recovered from the fæces of clinical case and healthy carrier, and that it may persist in the intestine for weeks or months after an acute infection. The virus has also been recovered from sewage and in one unconfirmed instance by Kling from drinking-water.[1] Following up their earlier work and using the technique they devised—intraperitoneal injection into monkeys of the etherised supernatant layer—Paul and Trask[2] have shown that the virus can be recovered from the stools not only of clinical cases but from patients with mild infections which could not otherwise be confirmed as poliomyelitis. Furthermore, from a study of an outbreak in rural Connecticut, they concluded that the spread was connected with a particular river, and river epidemics in Sweden and Germany have been described by Kling. Paul and Trask, therefore, carried out extensive tests for the virus in sewage. From 66 samples, of which 13 gave unsatisfactory results, they isolated the virus at least 6 times, representing four samples of sewage from two different sites, one of which was the sewer pipe of an isolation hospital where cases of the disease were being nursed. Two other points were established: (1) that the total content of the virus in sewage may be large, and in this connexion they record in a footnote that monkeys can be infected by nasal instillation of unetherised fæces; and (2) that the virus is stable enough to be carried in sewage for at least an eighth of a mile. From these findings Paul and Trask are cautious in drawing any conclusions. They agree that there seems good evidence for the spread of poliomyelitis by direct contact, but they think there may be other channels including contaminated food, milk and water, and they direct attention particularly to the part which polluted watercourses may play in spreading the infection. The epidemiological puzzle of poliomyelitis is still far from being solved, but perhaps we are beginning to find an explanation for its unusual seasonal distribution.

## MORE FAMILY BUDGETS

CONTINUING its analysis of the weekly budgets collected in 1937–38 the Ministry of Labour now gives a picture of the expenditure of the average agricultural worker, dietary studies of whom have been far less frequent than of his urban counterpart.[3] The average size of the 1491 families contributing to the study is, rather unexpectedly, virtually the same as in the industrial households previously reported[4]—namely, 3·79 against 3·77. Their mean weekly expenditure is, however, substantially less, 57*s.* 4*d.* as compared with 85*s.* The cost of housing in rural districts (rent, rates, water charges, &c.) is naturally lower, 4*s.* 9*d.* per week against 10*s.* 10*d.*, though whether effectively less in relation to the amenities the family obtains for it is another matter—for instance, the urban household spends 2*s.* 5½*d.* a week on gas and electricity and the rural only 7½*d.*, for they cannot spend on what is not there. On clothing and footwear the average rural expenditure is 5*s.* 3*d.* a week, the urban 8*s.* 1*d.*; the former has the obvious advantage of a smaller expenditure on travelling and, as the returns show, the more doubtful advantages of a lower outlay on tobacco, newspapers, entertainments and doctors. A greater proportion of the income has, of course, to go to food on which the average rural family spends 27*s.* 9*d.*, or 48% of the total, against the urban family's 34*s.* 1*d.*, or 40%. The comparison, however, excludes allowances of food from employers or grown by the household, and this clearly much reduces the value of the comparisons one would like to make between urban and rural diets. For example, from an early study of the diets of rural workers in Essex,[5] Bradford Hill concluded that at that date (1923) the rural diet was barely sufficient, though it compared favourably in some respects with urban diets of families with larger incomes, owing to the home produce. It was, however, less varied, with a substantially smaller amount of meat and considerably more bread and flour. The Ministry of Labour's budgets show the same tendency, but the differences are narrow. For instance, the average agricultural household spent 4*s.* 2*d.* weekly on bread and flour and the industrial household 3*s.* 6¼*d.*; on meat (including poultry, rabbits, bacon, ham, &c.) the former spent 7*s.* 2*d.* and the latter 8*s.* 1¼*d.*, while the figures for sugar are 1*s.* 3½*d.* rural and 1*s.* 0½*d.* urban. The main items of food provided by employers are milk, potatoes, and (in Scotland) oatmeal, while home produce lay mainly in potatoes, cabbages, and eggs, all important items in a good diet. From the figures available it should be possible to build up a broad comparison between the diets of the urban and rural groups, and even though it be not complete it would be of interest.

## TERMINOLOGICAL EXACTITUDE

SPEECH, that late acquirement of the tool-using animal, has little precision as yet. Even our most careful statements convey but a rough meaning, and scientific terms—especially psychological terms—have often as many interpretations as interpreters. Some day our speech may become as exact as mathematics; and in an attempt, perhaps, to hasten that good time the brain-injuries committee of the Medical Research Council have published a glossary of psychological terms commonly used in head injury. Their aim has been to achieve greater uniformity in case-notes and the definitions set out are already in use at the special centres for the treatment of head-injuries; if they were generally adopted in the medical services the clinician attending a transferred patient would derive an accurate idea of his state from his notes. Only sixteen terms are defined: coma, semicoma, confusion and delirium; traumatic stupor and automatism; concussion; traumatic dementia, intellectual impairment and personality disorder; malingering and hysteria; insight, judgment and comprehension; and amnesia. The committee point out that the definitions are arbitrary and may not be universally acceptable, but rightly insist that to avoid further ambiguity they should be accepted and used. After all, it matters little what a word means provided we all agree on its meaning. If we need new terms we can always invent them: neologisms are not the prerogative of the insane. The other M.R.C. committees might well follow suit by defining their own terms, and in the end we may get what we badly need—a good English glossary of scientific terms. There are some excellent American dictionaries, but they show troublesome divergences in spelling and sense from accepted standards over here. There would be an all-round gain if English-speaking scientific people could speak and write the same language, and a joint Anglo-American committee on terminology is needed to bridge the gaps.

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Sir WILLIAM SMYLY died at his home in co. Dublin on March 19 at the age of 90. Born and bred in the medical tradition and one of the pioneer obstetricians he played a leading rôle in Irish medical life a generation ago. Master of the Rotunda Hospital 1889–96 he became president of nearly every group of gynæcologists in the Empire, and finally president of the Royal College of Physicians of Ireland. His writings are to be found in all the systems of medicine of the period.

1. See *Lancet*, 1939, **2**, 753.
2. Paul, J. R. and Trask, J. D. *J. Amer. med. Ass.* Feb. 8, 1941, p. 493.
3. *Ministry of Labour Gazette*, January 1941, p. 7.
4. *Lancet*, 1941, **1**, 119. The two *Gazette* articles have now been separately reprinted. H.M. Stat. Off. 3*d.* each.
5. *J. Hyg., Camb.* 1925, **24**, 189.

# Special Articles

## MEDICINE AND THE LAW

### Judicial Views of Medical Evidence

WHO shall decide, asks Pope in an often-quoted line, when doctors disagree? The disagreement of medical experts in the witness-box is often matter for judicial comment. But judges also disagree. In particular, it seems, they differ about the value of the personal evidence of doctors. If Mr. Justice Macnaughten be correctly reported, he declared last week that he had never yet come across an accident case where the evidence of a doctor in person was of any assistance at all, though doctors' reports were generally most helpful. He was being asked to fix a day for a trial in which there would be a great deal of medical evidence. He refused to do so and he warned counsel that, if it were found that the doctors' evidence could have been put in the form of reports, costs might not be awarded even to a successful litigant. "It is a sheer waste of money and valuable time," he said, "to bring doctors to court."

Against what is possibly an over-simplification of judicial experience, let us put the dicta of the Court of Appeal, delivered a few days earlier in the case of Proctor *v.* Peebles (Papermakers) Ltd. A young man had his hand crushed in the rollers of a machine. When sued for damages, the employers did not dispute their liability, but they challenged the plaintiff's estimate of his injury. There had been the usual preliminary skirmishing before the case came on at the Lancaster assizes; on a summons for directions to decide the lines on which the trial should proceed, it had been ordered that the parties should agree the medical reports. At the trial Mr. Justice Croom-Johnson commented unfavourably on the calling of a medical witness on behalf of the plaintiff in view of the projected arrangement that the medical evidence should be agreed. The Court of Appeal, while somewhat vaguely anxious not to discourage preliminary agreement upon medical questions, announced that directions for agreed medical evidence should not be ordered as a matter of form. In Proctor's case, said Lord Justice du Parcq, where prognosis was important, the production of merely paper evidence was inappropriate. "It was most desirable that a doctor should be present in court to answer the questions which a judge might wish to ask, if for no other reason." It was very unfortunate, added Lord Justice MacKinnon, that a judge should deprecate the calling of a doctor in such a case, as it was often of the greatest advantage that the doctor should be present in order to explain what he had reported and to undergo cross-examination. In Proctor's case the doctor who was called on behalf of the plaintiff had stated his opinion that the injury to the young man's hand was permanent and without remedy. In the view of the Court of Appeal the trial judge ignored this uncontroverted evidence and substituted some opinion of his own. The plaintiff appealed on the ground of the inadequacy of the damages awarded to him. His appeal succeeded. Mr. Justice Croom-Johnson had given him £550; the Court of Appeal increased this sum to over £1200.

It is not for doctors to decide when judges disagree. The medical witness will doubtless be grateful for any reform which saves him from wasting valuable time in the precincts of a court. Probably, too, he is conscious that the system which brings medical experts before a judge as members of opposing teams sometimes produces an unedifying spectacle. If he belongs to the plaintiff's side, he has come there to give evidence for the plaintiff; his sympathies have been enlisted by that side from the beginning; he has his reasons for his views; he wants to see those views upheld. If he is on the defendant's side, and especially if he be in the habit of giving evidence for defendants, sentiment will be out of place and scepticism in the matter of subjective symptoms will be inevitable and appropriate. Sometimes, it is true, the experts on both sides may meet in conference beforehand. But the reasoned convictions which they have come to court to support are not to be lightly abandoned after a few minutes' conversation. Nobody suggests that the medical witnesses are acting in bad faith, but they are identified with the side which invites their aid. We must expect the plaintiff's witness to assert that the injury is due to the accident and that the sequelæ are serious and permanent. We must expect the defendant's witness to maintain that the injury, if any, is unrelated to the accident, that it is greatly exaggerated and that, anyhow, it will soon get right of itself. The authority of the law may direct the opposing teams to meet in consultation, but it can no more procure agreement between witnesses than between the parties themselves. For years reformers have been advocating a greater use of medical assessors to relieve judges of the troublesome business of deciding medical issues. But the law is reluctant to surrender its jurisdiction. It is also, as so often appears in criminal trials where the irresponsibility of the insane is in dispute, extremely suspicious of the intrusion of medical upon legal standards. The ideal tribunal perhaps would be the judge who is fully trained both in law and in medicine; but a strong legal element in the body which made recommendations a few years ago about the coroner's office deprecated any dual qualification and seemed to consider that only the barrister or solicitor untainted by any medical training could be trusted to hold an inquest. The law is for the lawyers, unless perhaps the litigant is entitled to express his view. Courts, after all, exist in order that plaintiffs may bring claims. Will the plaintiff still have perfect confidence in the course of justice if he is told that his medical witnesses must, behind his back, cobble up some compromise with the defendant's witnesses upon the matters of fact and opinion on which his case is founded?

## TREATMENT OF BURNS

NOTES on the local treatment of burns, based on recommendations of the coördinating team on burns appointed by the war wounds committee of the Medical Research Council, have been distributed by the Ministry of Health for the guidance of medical officers in E.M.S. hospitals and first-aid posts. The recommendations are as follows.

#### AT FIRST-AID POSTS

*Minor burns* which do not require admission to hospital should, after cleansing the surface with plenty of soap and water, be dressed in the following way:

In the case of the face or hands, with gauze or lint impregnated with sterilised Vaseline.

To prepare sterilised vaseline dressings, half fill a biscuit tin with vaseline, stand the tin in a deep dish of water which is brought to boiling-point on a stove or fire. When the vaseline is melted, drop into it pieces of gauze or lint about 6 in. square, folded into two, until the tin is full. Add more vaseline if necessary to cover the dressings. Leave the tin in the boiling water for half an hour. Then remove, put on the lid and seal with a strip of strapping.

In other parts of the body, with tannic-acid jelly or gentian violet jelly, 1%. If jellies are used no dressing should be applied over the burnt area, and clothing must not be allowed to come into contact with the burn area until the coagulum has formed and is dry. The application of tannic-acid or other coagulant jelly to the surface of a burn which has not been adequately cleansed is inadvisable.

*Serious burns* requiring admission to hospital should be treated by the application of sterile vaseline on gauze or lint to cover the exposed portions of the burn. It is hoped that in the near future a non-greasy substitute will be available for use instead of vaseline. Provided the patient is shortly to be transferred to a nearby hospital, no attempt should be made to remove clothing in order to expose the entire burn area. Serious burns always require injections of morphine for pain, in full doses (gr. ¼–½ for adults).

#### AT HOSPITAL

At the first hospital where the case can be fully treated the following lines of local treatment are advised for extensive burns of whatever degree.

Under gas and oxygen or Pentothal anæsthesia, the burn areas should be thoroughly cleansed by the gentle but liberal use of soap and water, followed by saline and by the removal of debris under strict aseptic precautions (soft soap should

not be used; the best application is some form of soap flakes). No violent scrubbing or scraping should be used, nor should antiseptic solutions or spirit be employed. If the burn area is impregnated with oil or grease, ether soap is of value for cleansing. Extensive burns should never be fully exposed at one time, owing to the risk of increasing shock by loss of body heat: a limited area only should be exposed for treatment which should be completed before the next area is dealt with. Loss of heat is especially marked when ether soap is used. After the cleansing process has been completed, the burn surface and the skin around should be dried and the burn surface should be lightly dusted with sulphanilamide powder; a coagulant is then applied except in the areas mentioned below.

*Coagulant applications.*—The following solutions are the most suitable as they act quickly and require no special apparatus: silver nitrate, 10%; tannic acid, 10%; silver nitrate, 10% and tannic acid, 5%, used alternately; triple dye (one formula in common use is equal parts of gentian violet, 1 in 400, brilliant green, 1 in 400, and neutral acriflavine, 1 in 1000).

The application is best made by the use of a large gauze mop; no dressings are required over the coagulated area, but it is advisable to cover the part with a sterile towel after the coagulum is dry. The edges of the area and any cracks that may develop on the surface should be dusted daily with sulphanilamide powder. In whatever way coagulation is effected the coagulum must cover the whole area and a good margin of unaffected skin around, and must be firm and dry or else the effect of the treatment is lost as the patient will still lose fluid from the burn area.

No coagulant of any kind should be used on the face, the hands and wrists, and the feet. Circumferential tanning of a limb should be avoided if possible, and if carried out the peripheral pulse must be carefully watched for the first 48 hours. Coagulants tend to contract on drying, and there is a risk of dangerous constriction of vessels or distortion of tissues (e.g., the fingers and eyelids) as this occurs. In addition to the solutions given above, tannic-acid jelly and gentian violet jelly are coagulants.

*Treatment of burns in areas which should not be tanned.*—After cleansing, the surface of the burn area is dried and dusted with sulphanilamide powder. A tulle gras dressing is then applied, and this in turn is covered by 6–8 layers of gauze wrung out in warm normal saline. The gauze must be kept moist by warm saline being dripped on it from time to time, and on no account must it be allowed to become dry. The tulle gras will enable the gauze dressings to be removed without causing pain or injury to the burn surface, provided they are kept moist; as a rule it is advisable for the first few days to change the gauze every 3–4 hours, the tulle gras being left undisturbed during this process. Twice a day at first, and subsequently, according to the progress of the case, once a day, the tulle gras dressing is changed; where it is possible to immerse the affected part in a bath, the tulle gras dressing is allowed to float off, which it does readily. In the case of the face or other parts for which a bath cannot be used, a gentle stream of saline greatly assists in the removal which should be painless and not associated with bleeding. Where baths are used the limb can remain immersed for half an hour or more, the saline being kept warm throughout. Before applying a fresh dressing the unburned surface of the limb is dried, and the burn area dusted with sulphanilamide powder.

Tulle gras, originally a French preparation, may be prepared in the following way. Curtain net, with a mesh of 2 mm., is cut into pieces 9 cm. square; these are placed in a tin box of slightly larger size. The box is then filled with a mixture containing soft paraffin, 96 g., balsam of Peru, 2 g., sufficient being used to impregnate and cover the material completely after sterilisation by heat in an autoclave. The French preparation contained also halibut oil, but the value of this when applied locally is doubtful, and it can be omitted.

Dressings must be carried out with full aseptic technique, and special care must be taken to ensure the surgical cleanliness of the arm and leg baths. An oil silk or jaconet bag or cover is of value in keeping the gauze moist in the case of the arms and legs, both while the patient is in bed and during transport. Where burns of the face are treated by saline packs, a jaconet bib assists in keeping the patient and the bed dry. It is made as follows.

Take a piece of stout wire and bend it into an oval about 14 in. in its long diameter and about 8 in. in its short diameter. A piece of jaconet is then cut, of sufficient size to form a deep basin when its edges are sewn to the wire hoop. Towards one end of the jaconet basin cut a hole large enough to go over the patient's head; the edges of this hole should be turned over and sewn so that a tape can be threaded through the channel so formed. On tightening the tape the opening can be made to fit round the neck. At the other end of the basin a small hole is made into which a tube for drainage can be tied.

All cases of severe burns likely to be followed by loss of function or disfigurement, or to require extensive grafting, should be transferred to a burn centre as soon as they are fit to travel.

## In England Now

*A Running Commentary by Peripatetic Correspondents*

AN abrupt translation in my existence recently occurred and I found myself in an entirely strange and remote part of the country, living and working with a fresh group of people. In London it is so customary to hear free discussion of the war, of changes in social conditions caused by it, of motives guiding the events leading up to it, that I became conscious of a gap in mental activity when I found that nothing of this sort happened in my new company. I thought it odd that my associates, most of whom were middle-aged (many had served in the last war), were so uninterested in the reasons for their changed circumstances and for the sudden transition in their lives. It would seem no light matter to relinquish tasks on which one has been engaged for years, a home one has painstakingly constructed for a family diligently nurtured, and to find oneself doing something entirely different in scope and aims in the company of strangers equally quaintly employed. In many cases, as I have mentioned, this was happening for the second time. In Newton's laws of motion is the postulate that matter moves in a straight line with uniform velocity until acted upon by some external force when it changes either its velocity or its direction and often both. Man seems to answer to the same mathematical theorem and seems generally to show as little inclination to effect any alteration in his new properties. This might be due to indifference or even a welcome to the changed circumstances. It is the fashion nowadays, as every medical periodical is a witness, to ascribe people's reactions—their resistance to change of velocity and direction—to psychological conflicts and inability or ability to overcome them. All these learned articles boil down to the original Kraepelinian postulates that abnormal behaviour is merely an exaggeration of a normal behaviour response, and is not a different response. Each psychiatrist or psychoanalyst says that as a result of his study of $x$ cases of mental disturbance or breakdown he has found that each case has over-reacted to his changed circumstances along lines which could be foretold from a previous study of his past behaviour. Vulgarly, so what? Surely it is a commonplace that we each as individuals react in a similar way to similar stimuli—any poker player would tell a psychologist this! And it is not very clear where these learnedly written articles with their queer technique of verbal description are leading us. They all seem to end in the same way, rather vaguely saying that appropriate treatment in highly trained surroundings is sometimes successful—and sometimes isn't. Anyhow, by definition, there is no reason why these patients should be "cured" as they are merely being themselves. I also cannot make out why it is necessary always to stress that the staff are highly trained merely because they are able to be reasonably patient and intelligent with neurotic men and women, and, since optimistic suggestion should be part of the treatment of any case, why is it always necessary to state that the staff must be highly trained before they can possess this piece of ordinary nursing technique? Surely sympathy, a good ordinary word to describe such an attitude towards the sick, is an essential quality of all who practise medicine or nursing. It is a matter of common knowledge, lay and medical, that certain people are "difficult" when they are ill, and I think

that everyone also recognises that certain people in certain circumstances are so "difficult" that they become ill as a result. This is undoubtedly happening on a large scale now and neuropsychiatry is coming into its own and developing a rapidly expanding vocabulary. It is clearly desirable that the unfortunate neurotic should not be allowed to think that he has an organic disease or injury, and the abandonment of the label "shell-shock" formerly pinned on him is an excellent move. It is also reasonable that only those doctors who possess the necessary amount of patience should deal with them. Presumably all neuropsychiatrists have this amount (one would like to forget the few one knows have not) and are therefore the best men for the job. But I can only wonder what else this spate of papers means. Perhaps the writers are themselves reacting with abnormal violence to their changed environment—or do neuropsychiatrists never do this?

* * *

Returning to the analogy to the second law of motion, the ability to hold on to the changed direction and velocity might serve as a definition of "guts." Naturally a person exhibiting this is aware of his altered condition and neither welcomes it nor is indifferent to it. He accepts the situation and having accepted it produces no internal stimuli of disruption and resists any external ones. The longer the changed circumstances continue the greater the degree of staying power, stamina or "guts." Explosive disruptive influences from within are most likely to occur in either the very poorly or the highly civilised groups. In the former a mass phenomenon fairly readily appears interrupting the activity of the moment. In the latter, where the ability of intellectual perception is well cultivated, the individual is susceptible to influences of change because he possesses a critical faculty and is able to appreciate the several aspects of any problem. Ordinarily the term panic is used to describe the former reaction; the latter is more complex and is difficult to label in a word. But on these terms the disruption of the Polish and French peoples in this war is understandable, and that of the Russians and Germans in the last. On these terms too will be settled the present conflict of the British and German races and their plans for the future welfare of the civilised world. It is thus important to provide conditions which will prolong our own ability to continue along our present course. Therefore it is essential while inducing an acceptance of the present temporary conditions in the minds of the majority to see that this is firmly based on ideas and emotions which connote something more permanent, or, being (we hope) a highly civilised people, we may be given unnecessary scope for the exercise of our critical faculty. Actually this should not be difficult, for our opponents have from this point of view behaved in a grotesquely stupid manner, and have themselves provided many stimuli which would normally keep us firmly on our changed course in opposition to them. The history of the last year has shown that our propaganda folk are rather lacking imagination in the use of this material. In fact, there has been a noticeable tendency to avoid any statement which in any way touches on essential sociological ideas, and it is hardly unpatriotic to note that there are many who are disturbed by this (to them) fundamental omission. These people naturally include a number of the more intelligent and trained minds, and they require for their stability in new and difficult conditions more than has as yet been vouchsafed. Our own profession is an excellent example. Never in any two years since the dawn of civilised medicine has so much been thought, written and read about the practice of the profession and the organisation of its future services. This corresponds politically with war aims and the executive direction of the war. The secret formation and the composition of the Medical Planning Commission came to many doctors with the same shock that the recent banning of certain artists by the B.B.C. came to many of the lay population. A conflict is recognisable which can be the origin of disruptive forces.

* * *

There are many individuals who have had the curiosity (or intellectual activity) to study social trends and events of the last few years, who consequently believe that drastic modifications in the conditions of existence are necessary, but who lack the inner explosiveness to alter their own course or velocity. An easy label—intelligentsia or highbrow—can be pinned on these folk, but their position is readily understood, because their lives are generally untouched, or at any rate only very lightly touched, by the passage of events. Just occasionally their material existence is improved by the war. It should be different where people are forcibly deflected from their paths, especially when this is suddenly and violently performed. Some degree of disorientation would be expected. I was surprised to find that among my new associates this form of vertigo was surprisingly absent. Moreover, they were largely unconscious that they had undergone an experience which might have resulted in instability: they had suffered a change of direction but no alteration in velocity. This cannot be accepted simply as a natural phenomenon and dismissed from the mind. There must be reasons for such behaviour. The book of Job supplies one—faith. A number, although I suspect a small one, are religiously convinced of the justice of the cause. Others of us are convinced of the ability and honesty of our new leaders. But presumably a similar emotion activates the German people. Dynamically it is a stable condition only if the leaders really possess this ability and honesty. Religion is an extroversion of an internal emotion, and as such is generally unshaken until replaced by some even more powerful emotion. It is a universally distributed attitude of mind. The demand for leadership is also pretty universal, but is a less powerful instinct because it depends on demonstrable qualities such as ability and honesty. Fluctuations of price on the pre-war Stock Exchange readily demonstrate how unstable this emotion can be. Its foundations are inherently insecure and perhaps not enough attention has been given to this fact by those responsible for the direction of our war-time activities.

* * *

Whatever my lot may be after this war one job I will never take on is that of a billeting officer. Even on a small scale it has caused me more worry and inconvenience than seemed humanly possible. It was probably asking for trouble to try to plant my particular brand of "billetees," medical students, on my particular brand of "billeters," middle-aged or elderly inhabitants of suburbia transported to the Home Counties. The problem of how to begin was met by persuading my wife to ask a friend whether she knew of any of her friends who would like to have a particularly nice type of medical student as a billetee. Aided by the fortunate coincidence of an influx of official evacuees from London, the response was overwhelming. Even a medical student was considered preferable to the unknown quality of official evacuees, and in the end my main trouble was explaining to importunate potential billeters, always on the telephone, that there really was a limit to the number of students we could supply in any one area, but (and this proviso was the only way, I found, of ending the conversation) should by any chance any further students arrive I would be only too pleased to let the lady have them. The story, however, was very different at the beginning of the next term when a fresh batch of men had to be accommodated. In the interval the official billeting problem had become much less acute. This time it was either a blank refusal, or the billeter had been ordered a rest by her doctor, or the domestic servant problem had become hopelessly acute. So the search had to be begun all over again and fresh fields sought where medical students and their ways were still unknown. Inquiries, usually carried out surreptitiously by my wife, as to how the students behaved produced the startling reply that they were not "house-trained." In my low mind this phenomenon was associated with the alvine habits of infants and dogs, but here it included habits of leaving clothes all over the bedroom floor and using hair grease which spoilt the pillow-cases. The most indignant of all the landladies complained that her lad from the north, having been invited to partake of his host's beer at dinner on his first night, took it for granted that he would have the same privilege every night. Why a lady of some fifty years did not take the obvious step of pointing out the error of his ways at once instead of storing up her indignation for a term and then letting it loose on my unfortunate wife I have never been able to make out. It has all been an

interesting study of human nature—the reaction of the varying types of individuals both old and young, and the age-long inability of the average person to put himself or herself in someone else's shoes. But I shall have no objection to a rapid shortening of the period of study.

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It has been suggested that the majority of the B.M.A. Planning Commission ought to be under 45 years of age because it is the younger men who will have to do the work of the profession in the future. It seems to be thought that on account of their age those over 45 are unlikely to plan the kind of profession in which the younger men will want to work. Though the respective rôles of youth and age in Parliament and the Cabinet as well as in the councils of medicine might well be considered by physiologists and psychologists as part of our planning for the future, the matter is surely not as simple as that. For it is certain that those under 45 will gradually become fogies as old as those they now criticise, and if age determines outlook they will then like the sort of profession that old fogies like now, and not the sort designed by themselves when they were under 45. Moreover, since it is the privilege of youth to disagree with age, the next generation of under 45s will certainly disapprove of the profession planned by those old fogies who by that time will be 50, 60 and 70. It seems, then, that a profession planned to conform to the political fashion of a current age-group is unlikely to satisfy anybody for long.

The criticism that public-health interests are inadequately represented on the commission sends one looking for a reason, which is, I think, that practising doctors, however notable the exceptions, are rarely interested in public health. As citizens they approve in general of someone doing something to improve public health, but the type of mind which is interested in therapeutics is not often interested in preventive medicine. Surgeons have contributed nothing to the prevention of appendicitis, and cardiologists show no signs of contributing anything to the discovery of the ætiology of coronary thrombosis. Nor should this be regarded as a reproach to them. The truth is that the therapists are concerned with, and interested in, end-results which are remote in time and differ in nature from their causes. The causes need to be studied by investigators with entirely different training and interests. Public health is still suffering from being regarded as a poor relation of therapeutics. There should be a Ministry of Disease concerned with therapeutics and a Ministry of Health concerned with prevention, with, of course, liaison officers between them. The Ministry of Health, which, incidentally, would have a large staff of architects and sociologists and other laymen as well as medical research workers, could then get on with its job of abolishing the Ministry of Disease. And clinicians, even in war-time, would not have to work in a medical service designed by the Ministry of Health.

* * *

Breakfast in bed is a much overrated pastime. There are some who adore it, others who detest it, but for the large majority it is merely a great nuisance. There are times when one is driven to take breakfast in bed whichever class one belongs to, and the necessary technique requires careful study beforehand, for it is difficult to work out the various possibilities early in the morning when just awakened. Shall one lie on one side, balancing on one elbow, and attempt to shovel food and drink with the other hand from a tray on the bedside table into a mouth which seems always aslant? Shall one try to sit up, with the tray balanced precariously on the knees, and guide the food over a wide expanse of blanket and sheet, with all the hazards of the slip betwixt cup and lip? In either case one is driven to think of the ancients who appeared to derive pleasure from reclining at meat. The correct technique, I am told, is to sit bolt upright, with the pillows arranged vertically against the head of the bed, and get the tray tucked well into one's lap, but it is still a long way from the plate to the mouth. There is always the fear, too, that one will be left thus for some time, while the rest of the family finish their breakfast at leisure in the dining-room, and in the meantime one's chest and arms will get frozen. Only the real addicts possess one of those decorative trays with legs that help to bring the food nearer to the mouth and can more easily be disposed of when the meal is completed. Even then the hazards of the game are innumerable; when I was a boy my most unpleasant aunt—one of the psychopathic tenth I see she was now—had one and the front legs collapsed spilling hot coffee all over her. How we did laugh.

## Parliament

THE serious effects which the Government's new proposals for the registration of women for war work may have on the public-health services were emphasised in the debate in the Commons on the third reading of the Consolidated Fund Bill. Miss IRENE WARD urged the imperative need for maintaining the efficiency of the nursing services, and for securing proper treatment for the personnel. Nurses' professional organisations were anxious that the new division of nursing in the Ministry of Health should be in the charge of those qualified and experienced in nursing. She also asked for an official announcement on nurses' superannuation. What happened to the nurses after the last war must never happen again. Viscountess DAVIDSON said that the effect of the Minister of Labour's broadcast had been disquieting. Many people believed that compulsion would be applied immediately after registration. At one civilian hospital of 1500 beds, dealing with old women removed from hospitals in the large towns, many of the domestic servants had left within 24 hours of Mr. Bevin's speech to enlist in one of the armed forces. Lady DAVIDSON also asked that mothers with young children should not be conscripted.

Dr. EDITH SUMMERSKILL feared that, after a tremendous amount of propaganda had been done to teach women how to feed their children properly, the Government were now going to hand those children over to unsuitable people who would act as "minders." Minders, she said, should only supplement and not be a substitute for day-nurseries. The Midwives Institute was asking that the Minister of Health should make it an offence for a woman to be employed during the four weeks preceding her confinement. Dr. SUMMERSKILL suggested that nursing mothers employed on war work should be allowed time to feed their babies while at work. Miss F. HORSBRUGH, parliamentary secretary to the Ministry of Health, denied that it was the intention of the Government that people engaged in essential work, such as work in hospitals, should leave their employment. Every effort had been made to add to the number of day-nurseries, but they did not meet all the needs, and this had led to the system of leaving children in the care of minders. The present proposal was to register these minders so that the health visitors could satisfy themselves that they were suitable. Miss HORSBRUGH said that at present the nursing staff in the E.M.S. hospitals numbered 75,000, of whom 17,000 were in the Civil Nursing Reserve. The fever hospitals and some of the special hospitals were not getting sufficient recruits, and they wanted nurses who would go anywhere and nurse anyone. There were difficulties about nurses' superannuation which it would be almost impossible to overcome in war-time, but a further increase of pay was being made to members of the Civil Nursing Reserve so that they might pay their share of superannuation. Under the new scheme they hoped to form a central register for those who would come into the nursing profession for the duration of the war, or who were looking forward to work in the nursing profession later. They would fix a minimum rate of salary during the war which the hospitals who took probationers from the register would be required to pay. This scheme did not go as far as was suggested by the Athlone Committee, but it was a step in the right direction.

Mr. R. ASSHETON, parliamentary secretary to the Ministry of Labour, made it clear that if any woman was directed to work to which she objected she would have the right to appeal. Women would not be medically examined on registration, but they could produce medical evidence of disability, on which the Ministry would also be entitled to obtain an independent medical opinion.

### Surplus Milk

Last week Lord WOOLTON announced in the House of Lords that the Government had decided that in these

abnormal times it was impossible to adopt the recommendations of Lord Perry's Committee. The chief recommendation was that the margin allowed for the distribution of milk should be drastically curtailed in the interests of the consumer. The average consumption of milk was one gallon a family each week, and this would mean a saving to each family of 4*d.* a week. In spite of war conditions the milk trade had rendered good public service, sometimes at a financial loss, and they had produced considerable evidence that they would find it impossible to continue business under the margins suggested by the Perry Report. Lord WOOLTON warned the country it would be difficult to maintain our milk production at its present level. Under the National Milk Scheme introduced last July 10,000,000 gallons were distributed to 2,800,000 people. About a third received the milk free and the others paid 2*d.* per pint. He hoped to maintain an unrestricted supply to nursing and expectant mothers and young children, and to maintain supplies to hospitals and invalids. But he must use the balance of our milk-supplies for the greatest need of the nation, and he had decided to restrict the consumption of milk by the ordinary man and woman. He was asking dairymen to reduce their domestic sales from the middle of April by a seventh. The milk saved would be used to increase the production of cheese and condensed milk, which we should certainly need next winter. Bakers and flour confectioners would have to dispense with use of milk, and the ban on the use of fresh cream and the manufacture of synthetic cream and ice-cream would be continued. This summer we should probably have more milk than we need, and this surplus must be used for the best interests of the nation.

### Remand Homes

Mr. O. PEAKE, under secretary to the Home Office, informed the House of Commons that there was an increase in the number of children and young people brought before the juvenile courts. It was hoped that the pressure on remand homes and approved schools caused by this abnormal increase in juvenile crime would soon be relieved.[1] A conference would shortly be called to consider how best to provide suitable accommodation.

## QUESTION TIME

### N.H.I. Income Limit

Sir ROBERT YOUNG asked the Minister of Health whether he was aware of the difficulties arising, or likely to arise, out of the failure to increase the income limit for compulsory health insurance to £420 a year, as had been done for compulsory unemployment insurance, as many insured persons owing to transference to administrative and similar positions, or from the receipt of overtime payments were being forced to become voluntary contributors, entailing the loss of medical benefit and the payment of all contributions due under such conditions; and as many of these insured persons were likely again to become ordinary workers with less than £250 per annum, so having to become compulsorily insured and causing difficulties for them and much trouble and expense for approved societies, he would raise the income limit at an early date.—Mr. E. BROWN replied: The Secretary of State for Scotland and I have this question under consideration and hope to be able to make a statement shortly.

### Medical Publishers

Sir ERNEST GRAHAM-LITTLE asked the Minister of Labour whether he would give consideration, in revising the schedule of reserved occupations, to the necessity of retaining a sufficient number of employees of firms publishing medical and nursing books, a category in which fresh publications were demanded by the continuous advances in medicine and nursing.—Mr. GEORGE TOMLINSON, parliamentary secretary to the Ministry of Labour, replied: I am advised that it would not be practicable to place such publishing firms in a special category. If in any case it is regarded as important to retain the services of a particular individual, application for deferment may be made in the usual manner.

### Health of Apprentices

Mr. DAVID ADAMS asked the President of the Board of Education whether, in conjunction with his experiments in the physical training of apprentices during their working hours, and the effects of this upon their output, he would, in coöperation with the Ministry of Food, experiment also with diets in order to ascertain effects upon output and health.—Mr. HERWALD RAMSBOTHAM replied: I will certainly bear the suggestion in mind.

### Batteries for Hearing-aids

In reply to a question Captain C. WATERHOUSE said: There have been difficulties, due to increasingly heavy service demands for miniature cells. The problem of arranging for the use of other types of cell in hearing-aids is being examined in consultation with the manufacturers, and meanwhile supplies of miniature cells are being released.

### Diphtheria Inoculation in Edinburgh

In answer to a question Mr. T. JOHNSTON gave the following figures for diphtheria inoculation in Edinburgh:—

| | 1938 | 1939 | 1940 |
|---|---|---|---|
| Approx. no. of children immunised | 31,000 | 33,000 | 34,000 |
| Immunised children who contracted diphtheria | 31 | 23 | 9 |
| Fatal cases among these children | 1 | 0 | 0 |

1. See *Lancet*, March 22, 1941, p. 393.

# Public Health

### From the Annual Reports

#### HARROW

Dr. Caryl Thomas starts his report with a dissertation on matters of importance in public-health administration, including milk for mothers and children, food and drugs, and housing. Dr. Thomas is a barrister-at-law and an epidemiologist, a combination of particular value in discussing the various points he raises. In spite of the numerous acts of Parliament, since the Public Health Act of 1875, which deal with the housing of the working classes nobody is satisfied with the policy as it stood at the outbreak of war, and many medical officers, not having had a legal training, cannot find their way through the mass of legislation which to them is more confusing than helpful. Dr. Thomas calls attention to some of the anomalies which confront us; one, which is outstanding, is that building by-laws will allow houses to be built which promptly become a nuisance. The local authority must pass plans which conform to the by-laws even though their officers may point out that the houses when built must speedily become unfit for habitation. Dr. Thomas tells of a clearance scheme which after months of hard work came to an inquiry. The council having considered a slum area from all points of view decided that clearance was the only feasible procedure. After weeks of expensive quibbling, the findings of the inquiry were that five properties were to be demolished, but the outbreak of war caused even this slight mitigation of a public disgrace to be shelved.

The urban district of Harrow covers 12,558 acres and is densely populated (190,200 inhabitants). The birth-rate shows that it is fertile, the low death-rate that it is healthy, and the population is young. The stillbirth-rate was 31 and infantile mortality-rate 38·5, both low and evidence of good midwifery and child welfare. The incidence of diphtheria was low—85 notifications in 31 of which the diagnosis was withdrawn—but the fatality reached the very high rate of 19%. Dr. Thomas notes that when diphtheria is low in prevalence the fatality is high because when the disease is out of mind parents are less suspicious of sore throats in their children, and delay seeking medical advice. This is undoubtedly so, but there may be other reasons; a high fatality with a low incidence occurs in other infectious diseases for which we have no specific remedies.

#### CHESTER

Dr. J. W. Lobban's report contains much statistical information but no commentaries, though there were several features in the town's health record which call for explanation. We are told that the water-supply is abundant and that the standard of purity obtained has been remarkably good. The water is taken from the river Dee and purified, the criterion of purity being absence of *B. coli* in 100 c.cm. The details of chemical analyses for each month of the year are given and these show unusual variations; we are not told from what part

of the system the samples were taken, but these twelve analyses suggest that the water is poor and subject to frequent high pollutions. Chester is a small town of only 4142 acres and 44,280 inhabitants, or nearly 11 persons per acre. Its birth-rate in 1939 was 15·6; death-rate 13·8; infantile mortality 77·3 and maternal mortality 5·4. There were 37 deaths from all tuberculosis, giving a mortality-rate of 0·84 based on the population of 45,090—the number given by the Registrar General for estimating death-rates. This is not a good health record for 1939. The endemic infectious diseases were not particularly troublesome in the year, the only one calling for comment was diphtheria with 135 notifications and 10 deaths.

EXETER

Exeter is another small city, but its population of 70,000 being more than half as large again as that of Chester gives it a density of nearly 17 to the acre. Most of our older cities, though not seriously overcrowded, are cramped, retaining some of the pattern of the fortified walled cities of medieval times. Modern conditions would be served better if we cleared the centres of our cities and dispersed the population in the peripheries. At present the enemy is doing the former for us, though hardly with discrimination; but whether we shall seize the opportunity to do our own part remains to be seen.

Of the 212 persons on the blind register of Exeter at the end of 1939 all but one were over 50 years of age. Owing to the Blind Persons Act, we have nearly complete records of the prevalence of blindness, and these show strikingly how prevention has reduced this calamity. It is unfortunate that we have no such information of the deaf and do not know whether we have reduced deafness by preventive measures. Dr. G. B. Page's report indicates the extent to which tuberculosis is found in animals slaughtered for human consumption, not because the findings are exceptional at Exeter, but because they are average. In carcases of cattle other than cows, 4·5% show evidence of tuberculosis. Cows show definite lesions to the extent of 11·8%, and pigs 1·7%. In calves tuberculosis is rare and in ovines a curiosity. Of 34 tons 13 cwt. of all foods condemned, 19 tons 5 cwt. owed their condemnation to tuberculosis.

### Infectious Disease in England and Wales

WEEK ENDED MARCH 15

*Notifications.*—The following cases of infectious disease were notified during the week: smallpox, 0; scarlet fever, 1221; whooping-cough, 3338; diphtheria, 1033; enteric fever, 28; measles (excluding rubella), 15,056; pneumonia (primary or influenzal), 1318; puerperal pyrexia, 141; cerebrospinal fever, 330; poliomyelitis, 5; polio-encephalitis, 2; encephalitis lethargica, 7; dysentery, 146; ophthalmia neonatorum, 77. No case of cholera, plague or typhus fever was notified during the week.

The number of civilian and service sick in the Infectious Hospitals of the London County Council on March 14 was 1837, including: scarlet fever, 230; diphtheria, 338; measles, 451; whooping-cough, 253; enteritis, 20; chicken-pox, 121; erysipelas, 38; mumps, 3; poliomyelitis, 2; dysentery, 26; cerebrospinal fever, 85; puerperal sepsis, 14; enteric fevers, 4; german measles, 9; other diseases (non-infectious), 135; not yet diagnosed, 107.

*Deaths.*—In 126 great towns there was no death from smallpox, enteric fever or scarlet fever, 38 (2) from whooping-cough, 25 (1) from measles, 31 (0) from diphtheria, 36 (4) from diarrhœa and enteritis under 2 years, and 132 (15) from influenza. The figures in parentheses are those for London itself.

There were 7 deaths from whooping-cough at Birmingham and 6 at Liverpool, and in the same week at Glasgow there were 15. Liverpool reported 5 fatal cases of diphtheria. Bradford had 9 deaths from influenza, Birmingham 6, no other great town more than 4.

The number of stillbirths notified during the week was 230 (corresponding to a rate of 42 per thousand total births), including 16 in London.

INCIDENCE OF INFLUENZA

In the week ended March 15, 132 deaths were ascribed to influenza in the great towns, 67 fewer than in the previous week. Of these deaths 6·8% were at ages under 25 and 54·54% at ages over 65. In the county of London 15 deaths were registered (13 in the previous week). The proportion of total deaths coming from the South-Eastern Area was 28·30%. It would appear that the winter epidemic is now over.

## Letters to the Editor

### HOSPITALS RADON CENTRE

SIR,—As the result of a generous gift from the British War Relief Society of New York further supplies of radon are now assured. The gift was made to the British Hospitals Association, who have asked the Middlesex Hospital to administer it. This new supply is intended for the use of hospitals throughout the country and no distinction will be made between requisitions for paying and non-paying patients. It is hoped to increase the amount of radium in solution at this new centre when the demand warrants it.

In the first instance it will be necessary to charge all hospitals for supplies of radon, and it has been decided to charge for it at the lowest basic rates obtaining at the Medical Research Council radon centre—namely, one shilling a millicurie—with a reduction to sixpence a millicurie for any quantity in excess of fifty millicuries; the minimum charge for any radon requisition will be one guinea. It is hoped that in the near future some arrangement will be possible whereby the burden of such payments may be lightened.

Applications for radon may now be sent to the Hospitals Radon Centre, c/o Barton Lime Co., Barton-in-the-Clay, Beds (telephone Hexton 210).

Middlesex Hospital, W.1. SIDNEY RUSS.

### THE NEUROLOGICAL APPROACH TO MENTAL DISORDER

SIR,—In your issue of March 15 Group Captain Symonds puts forward a brilliant contribution to the understanding of mental disorder. The more's the pity it is vitiated by its unadmitted philosophic bias. Distinguished members of our profession seem peculiarly apt to be unaware that any attitude, however well supported by observed facts, rests inevitably upon a philosophic basis; and their unawareness leads to much debate, marked equally by erudition and irrelevance. Neuro-psychiatry *versus* medical psychology, as rival approaches to mental disorder, is one of the most fascinating—and profound—of these philosophic cleavages. The mock-modest pretension of the scientist to have no time for philosophy does not absolve him from philosophic bias, but merely reveals his bias to be unconscious—or, as Group Captain Symonds may prefer to put it, forgotten. This avoidable occurrence is, in fact, responsible for most of the needless arguments between intelligent men.

What is here suggested is that Group Captain Symonds is right, demonstrably and irrefutably right, in his conclusions. His world picture, in which his views on mental disorder have their inevitable setting, is consistent and as he says "makes sense." From his neuro-psychiatric fellows he should receive a magnificent endorsement of his opinions. In the intelligent world as a whole, however, the unanimity might be less marked, possibly by some fifty per cent. It is here suggested that the dissident half is not composed of merely ignorant and contumacious persons, but of persons whose world picture, in which their views on mental disorder have their inevitable setting, is equally consistent, and makes equal though very different sense. It is finally suggested that man is not adequately expressed in either world picture alone.

The form-makers and the form-breakers—Abel and his brother Cain, the Aristotelians and the Platonists, the Apollonians and the Dionysians—these are the eternal prototypes through whose labours the world first moulds itself in lovely forms, then breaks through, painfully and often cruelly, to fresh beauty. Always it was, and it will always be, the tragedy of the form-making mind, striving to bring its well-loved order out of chaos, to see suddenly breaking from some unlooked-for covert Priapus with his imprudent gestures, Pan with his insulting pipes. We are still bound by these prototypal limitations, and till the spanning mind comes forward no honest truce is possible. What is, however, possible is for each to work in good-humoured self-awareness and equal rivalry. The kind offer of coöperation on the basis that "there is no justification whatever for psychotherapy as a special branch of medicine," and with insistence on an increased relative importance for neurology

in the psychological diploma is oddly reminiscent of a dictator's idea of coöperation with a small state, or a boa constrictor's hope of coöperation with a lamb. In all three cases there is the same engaging naïveté.

Group Captain Symonds is ungenerously in error in accusing the psychotherapist of trying to elbow his way unnecessarily into the sphere of mental disorder. The psychotherapist, though not always himself aware of it, is in this sphere the authentic voice of that other half of man, which, though it may be driven into the wilderness of medical disrepute, will not and cannot be completely silenced.

Harley Street, W.1. ALAN MCGLASHAN.

SIR,—Among various circles of psychiatrists Dr. Symonds's presidential address must have had the effect of a landmine. Were it not for the fact that acute controversy on general subjects is now the height of bad form, we might expect bitter protests from those students of the mind who prefer to ignore the activities of its cerebral basis. As it is, Dr. Symonds's materialist bomb will no doubt be treated as an unfortunate brick unworthy of notice. Nevertheless the address marks the beginning of the end of "pure" psychiatry, particularly of that section which treats psycho-analysis as the core of all wisdom. Pigeon-hole methods of classifying mental conditions likewise receive notice to quit in an address which forsakes "fixed clinical syndromes" for those manifold and mutable abnormal reactions that express a disordered mind. In the subject of mental disorder, brain activity and its abnormal disturbances are now being studied from that materialist point of view which recognises the brain to be the physical basis of mind.

From this point of view, every case of mental disorder is part of a dynamic "eternal triangle" consisting of the brain and body as a whole, of the mind which is dependent on the brain, and of that external environment which the mind reflects and reacts to through the activities of the nervous system. The treatment of mental disorder will therefore embrace not only a consideration of the relationship between the mind and the external environment, but also of the various cerebral activities which relate the individual to the environment. It is an axiom that all mental disorder must be based on some corresponding cerebral disorder, and clinical science now begins to utilise in practice this principle of modern materialism.

At the same time clinicians will not fall into the old error of regarding the external environment as unalterable and "normal," whatever its character, to which the patient must necessarily adapt himself like a prisoner in a cell. War, hunger and social disorganisation give an external environment to which a great many individuals are unable or unwilling to adapt themselves indefinitely, and if clinicians have only "adaptation" to urge upon patients about to leave the mental hospitals the sheep if not the goats among them will surely bolt back to the security of padded cells. But in all seriousness, the sociological side of the question cannot be neglected, and the bare doctrine of adaptation to the environment whatever its character is one which has nothing in common with a scientific outlook on society. Only a devotee of the blitzkrieg can present today's environment as a state of affairs to which men and women must merely adapt themselves indefinitely. Between the abnormalities of psychotics and the "normalities" of modern society there is a closer connexion than one might gather from most textbooks of psychiatry—a connexion not to be disposed of by the simplicities of convulsion therapy.

Oxford. R. L. WORRALL.

## ANDROGENS IN GYNÆCOLOGY

SIR,—Your leading article of March 15 (p. 351) remarks on the masculinising activity of testosterone and its propionate when given for various gynæcological disorders. This unwanted action will undoubtedly dissuade many practitioners from availing themselves of an otherwise apparently harmless and effective therapeutic procedure. In three of the four complaints mentioned (functional uterine hæmorrhage, dysmenorrhœa and chronic mastitis) the action of testosterone seems to depend on the direct antagonism which it possesses to endogenous œstrogens. It has been shown (Emmens, C. W. and Bradshaw, T. E. T. *J. Endocrinol.* 1939, 1, 378) that androstenedione and androstanediol are as potent as testosterone in inhibiting the response of spayed mice to œstrone, yet possess only a fraction of its androgenic activity in mammals ($\frac{1}{8}$ and $\frac{1}{4}$ respectively). It might, accordingly, be worth while to give these compounds a clinical trial in such disorders, in the hope that they would be as efficient as testosterone in the desired direction, without the same tendency to produce masculinisation in effective doses. The inhibitory effect of testosterone on lactation may be due to an indirect action on the pituitary body, and there is no evidence that the other androgens mentioned would be as effective. It might nevertheless be again worth while to put to direct test, by clinical trial, the question whether one of the other androgens would not produce the desired effect, without the undesired concomitant actions of testosterone.

C. W. EMMENS.

National Institute for Medical Research, N.W.3.

## THE RIVER EMERGENCY SERVICE

SIR,—As the M.O. of an ambulance ship in the River Emergency Service I had recently been anxiously waiting for a relief M.O. to take on my duties, so that I could have seven days' leave still due to me from last year (we are magnanimously given two weeks in the year). At last he arrived and I was all set to get away, as I thought. We introduced ourselves. He has named me McCork in your journal (March 15, p. 359), so I shall return the compliment and call him Bull, but of the Ferdinand instead of the John family. He looked over the ambulance ship and wasn't impressed, as there was no private cabin for the M.O. He saw some V.A.D. nurses doing Thomas splint drill and, informing me that he hadn't seen a Thomas for twenty years, didn't believe in it and always used a Liston, he said he didn't think much of their efforts. Having remained on board for fifteen minutes we went up to our billets. He was very upset at the apparent lack of comforts and conveniences, and said, "This is a dreadful place. Your P.M.O. told me it was comfortable. I must telephone him immediately. I'll just stay two days until you get away, and then clear out." When I told him that I would not leave knowing that he wasn't going to stay until I returned, he said, "Well, I'll go straight away," and departed bag and baggage, having been with us exactly half an hour. It was with mixed feelings that I watched him jump on a bus; I felt depressed as I saw my week's visit to my family vanishing into the future, but glad that I wasn't leaving the sisters, V.A.D.'s and stretcher-bearers (the ambulance officer who is an Ulsterman is able to take care of himself)—whom I have come to regard with some affection, having seen them stand up to five months of the blitz in this dreary dockland—to his mercies. Perhaps it was as well that he left the docks and the uncomfortable billets to the "Neutral" and went back to sniff his crocuses and tomasinianus.

MCCORK.

SIR,—Now that one of your peripatetic correspondents has concluded his extremely brief experiment with time and with the Thames and has fled back to his garden, perhaps you will allow one of the medical officers who has been with the River Emergency Service for many months to reply to some of his strictures.

The giving of lectures, which are more like the chats one used to give to one's clinical clerks or surgical dressers, and the practices, are real and of value. The "comfortable billets" are real no longer, for they have mostly been bombed out of existence. Had our critic been with us during the early autumn I doubt if he would have written so lightly of a "blitz on the river." Trying to rescue people from burning wharves, getting a small peace-time pleasure steamer alongside flaming barges whilst avoiding those that had broken adrift (reminding one of heroes on their way to Valhalla), and trying in the heat and the smoke and the flame to stop pain and stay hæmorrhage has perhaps little in common with the *Crocus tomasinianus* even in its folded-up umbrella stage.

When incendiaries rained on a certain dockyard and the sequela of H.E. was punctually noted, my sisters and nursing auxiliaries in their "natty uniforms" (what ought they to wear—crinolines or gardening aprons?) put out dozens of burning bombs and by so doing saved

the dockyard near their billet and so freed the fire brigade to attend to other fires.

I have never met the "well-fed, smooth-spoken and pleasant" Dr. McCork, as I have not served on an up-river ship, but if, as your correspondent avers, he comes from a neutral country all the more honour to him for joining us in the front line.

All comparisons are invidious but I claim that if there was a front-line between the fall of Dunkirk and the start of the Wavell campaign it was the Thames Estuary, and from personal observation I can state that the members of the River Emergency Service—doctors, sisters, nurses, stretcher-bearers, and professional crews—behaved with a gallantry and efficiency that left me their humble admirer. During latter weeks, when the longueurs of inactivity have been more pronounced, they have accepted their billet-less, bath-less, communal-sleeping fate with cheerfulness and dignity and so far as I know not one of them has scuttled back to his or her rabbit-hutch. They are rightly proud of their record.

R. C. H.

SIR,—I feel that your peripatetic correspondent has done an injustice to medical officers, nurses and stretcher bearers who have given up comfortable jobs to join the River Emergency Service, many since the outbreak of war. At the beginning many of the personnel slept and cooked for themselves on small steamers built for short pleasure trips, the hours on duty being 96 hours on and 48 hours off. After some months good billets were gradually provided near the action stations of the ambulance ships. As a result of enemy action six billets have been either demolished or badly damaged. The personnel have shown great cheerfulness in putting up with a good deal of discomfort in an endeavour to continue to cover their sphere of action. The billets to which your correspondent refers are a hospital ward, furnished with armchairs, the usual fires and very good comfortable beds. The personnel consider them very good billets compared to some other stations more severely knocked about. It is perhaps just as well that your correspondent returned to the care of his crocuses.

D. S. GORDON,
P.M.O., Port of London Authority.

## A HUNDRED CASES OF BREECH PRESENTATION

SIR,—Drs. Gairdner and Jackson gave figures of the fœtal mortality under the various forms of treatment adopted in each series of cases—i.e., version, delivery per vaginam, cæsarean section.

11 cases were treated successfully by version and delivered as vertices. 9 cases were treated unsuccessfully by version. Some of these were delivered vaginally and some by cæsarean section. Maternal mortality nil, fœtal mortality 10%.

63 cases were delivered vaginally. Maternal mortality nil, fœtal mortality 28·9%.

26 cases were delivered by cæsarean section. Maternal mortality nil, fœtal mortality 3·8%.

The details of the various cases and the technique employed in each are so meagre that the reader will be unable to draw any conclusion as to the possible or probable cause of the fœtal mortality. Little information was given as to how the aftercoming head was delivered.

Obviously, the authors have been impressed by the low fœtal mortality associated with the cæsarean operation. "It would be idle," the authors state, "to attempt to draw conclusions from a mere 100 cases." I would go further and state that it would be distinctly dangerous to draw any conclusions from this series of cases as presented. Simply because the cæsarean operation has given good results in this small number of cases it cannot be accepted that the operation is the treatment of choice in breech presentation. The authors state their opinion that "if breech presentation is diagnosed during the antenatal period version should be attempted; if version fails then cæsarean section is the treatment of choice." Surely this cannot be accepted. External version is an operation which requires considerable experience and skill to carry out correctly. It is a serious procedure and is attended by definite risks to the baby. There is an increasing amount of data to prove that the fœtal mortality following external version is in the region of 5–6%. Failure to turn a breech presentation into a vertex cannot be accepted as an indication for cæsarean section. So much depends upon the operator and the local conditions. I will grant that cæsarean section has its place like all other forms of treatment in breech cases. The operation should, however, be reserved for such cases as placenta pr via, extended limbs in an elderly primigravida or in one with slightly contracted pelvis. Emergency cases, when seen late in labour with the breech presenting, present a difficult problem. The easiest way out of the difficulty will, in many cases, be cæsarean section. The risk of section in these cases is sepsis following manipulation or previous efforts to deliver from below.

Figures prepared for me by Dr. Mary Mayeur, obstetric assistant at the Liverpool Maternity Hospital, show that there are other methods of dealing with breech presentation than external version and cæsarean section.

VAGINAL DELIVERY OF UNCOMPLICATED BREECH PRESENTATION

| — | Primigravidæ | Fœtal mortality (per cent.) | Multigravidæ | Fœtal mortality (per cent.) |
|---|---|---|---|---|
| 1933 | 32 | 3·1 | 23 | 4·3 |
| 1934 | 34 | 5·8 | 26 | 15·0 |
| 1935 | 32 | 9·3 | 21 | 9·5 |
| 1936 | 35 | 5·7 | 18 | 11·0 |
| 1937 | 27 | 7·4 | 25 | nil |
| 1938 | 39 | 5·1 | 21 | nil |
| 1939 | 45 | 8·8 | 25 | 4·3 |
| 1940 | 42 | 4·7 | 17 | nil |
| Total | 286 | — | 176 | — |

Average fœtal mortality Primigravidæ—6·23%
" " " Multigravidæ—5·5%

During the above years cæsarean section was only performed in 40 cases for breech presentation. The maternal mortality was nil and the fœtal mortality 2·5%.

Liverpool. JOHN WILLIAM BURNS.

## A PITUITARY SYNDROME WITH CARDIAC ABNORMALITY

SIR,—The association between pituitary deficiency of different varieties and mental disorders of equal diversity is a commonplace observation. Far less common, and only rarely appreciated, is the relationship between pituitary dyscrazia and cardiac abnormality. In French literature there are one or two references to pituitary disease coexisting with vaguely defined conditions such as cardiac hypoplasia. What has not been noted previously is a syndrome characterised by both cardiac abnormality and mental abnormality in patients with anterior pituitary deficiency.

The cardiac abnormality has one main characteristic. It is found early in these cases and is probably congenital. Indeed the most characteristic heart lesions include the less dangerous varieties of congenital heart disease. These patients have often been watched for heart conditions in childhood and early youth before symptoms traceable to glandular dysfunction were prominent in the picture. The mental abnormalities noted are not usually psychotic. The adolescent patient with these symptoms falls into the psychoneurotic category. There is no characteristic collection of psychological symptoms associated with this syndrome but there is certainly a class of patients in their teens in which vaguely epileptoid phenomena are noticeable. It seems possible that some of these "absences" and vague collapses may be attributable to the cardiac condition. The pituitary condition present always involved diminished activity of the anterior lobe. Lorraine and Brissaud phenomena are more common, but Fröhlich symptoms are possible. I have not met this syndrome in women.

One characteristic of these cases is the complexion. The skin is unusually delicate. The colouring is lightly cyanotic. This hue is chiefly over the malar bones and sometimes lower down in the centre of the cheek. The rest of the skin is faintly yellow. This yellow colour becomes intensified in long-standing cases. Cyanosis and yellow tinting of the skin are found in many conditions, but this peculiar cyanosis combined with the delicate texture of the skin is quite characteristic.

The unembroidered baldness of this note is determined in part by war conditions and also by the fact that the number of cases of the type is necessarily small.

Bath. A. GUIRDHAM.

## ANURIA WITH CASTS

SIR,—In his account (*Lancet*, March 15, p. 345) of the pathological findings in nine women who had recently aborted, and who had died of suppression of urine, Dr. Bratton says that the toxic process is not necessarily puerperal in origin; as these are not the post-mortem appearances of toxæmia of pregnancy, he might have gone further and said that this process is not puerperal in origin. Mr. Discombe and I have recently recorded (*Brit. med. J.* 1940, **1**, 525) the clinical and pathological notes of a patient who died with post-mortem findings identical to those which he has described, but the result of quinine poisoning. In our case 5·04 g. (76 grains) of the pure alkaloid had been taken by the mouth. A search through the literature revealed only two similar instances, (Terplan, K. L. and Javert, C. T. *J. Amer. med. Assoc.* 1936, **106**, 509; and Raven, H. M. (*Brit. med. J.* 1927, **2**, 59).

I hope it may not be too late for Dr. Bratton to be able to trace whether quinine had been taken in his cases. As they are all abortions the presumption is strong, and if so then the diagnosis of the disease process associated with his pathological findings is complete.

Harley Street, W.1. C. K. VARTAN.

## TREATMENT OF ASPHYXIA NEONATORUM

SIR,—As you say, the methods of resuscitation outlined in your annotation of March 15 (p. 355) are rather beyond the capacity of the general practitioner, and the proportion of babies requiring resuscitation (200 out of 1200) seems abnormally high. Apparently the authors do not think that Barcroft's work on the initiation of respiration (*Lancet*, 1939, **2**, 838, and see Leak, *Ibid*, p. 1004) has much clinical bearing on this problem. As a contribution to the treatment by the G.P. of those really bad cases which occasionally arise, I should like to record such a case which occurred about 15 months ago. After a not very difficult forceps delivery the infant completely failed to respond to all my methods of resuscitation which included the administration of lobeline and ½ c.cm. of Cardiazol-ephedrine, which latter I usually find more effective than lobeline itself. After over 10 minutes' effort the baby seemed hopeless so I injected into the heart the remaining ½ c.cm. of cardiazol-ephedrine. The effect was instantaneous, the heart began to beat at once, respiration rapidly followed and within 2 minutes the baby was breathing almost normally. No ill effects seemed to follow this treatment and the child is still alive and well. Naturally, I do not recommend such a measure as a routine, but it may be a help to other practitioners who have not all the facilities of Russ and Strong in New Orleans, and anything which will avert the tragedy of a stillbirth is well worth while.

Winsford, Cheshire. W. N. LEAK.

## "WHOLEMEAL ENTHUSIASM"

SIR,—On reading the article under this heading in your issue of March 15 (p. 370) I rubbed my eyes in amazement. Can this be the same journal, I asked myself, which published as far back as Sept. 14, 1912, a lengthy and generally favourable notice of Our Children's Health at Home and at School containing a report of the society's first guildhall school conference, and in recent years welcomed its offer to submit evidence to THE LANCET Commission on Nursing? The Food Education Society had no connexion with Miss May Yates and the Bread and Food Reform League beyond coöperating in the effort to make wholewheat generally available. It never advocated, as your reviewer suggests, "the exclusive use of wholemeal bread." Nor is it committed to the views of speakers at its conferences, or of others figuring in Bread in Peace and War. This society, which is said to be the oldest in the world for the education of the people in nutrition, has the support of the medical, dental, nursing and educational professions, and of social workers. It is undogmatic and concerned with every aspect of dietetics, including food habits.

CHARLES E. HECHT,
London, N.W.3. Hon. Sec. Food Education Society.

## "IN GRATITUDE TO MY MEDICAL COLLEAGUES"

SIR,—I desire to acknowledge through your columns a donation of £50 from a doctor as a mark of appreciation of the kindness and consideration received from his medical colleagues during his wife's recent illness, which necessitated an extensive abdominal operation. He adds: "It is a very small return for all the kindness and skill that has been expended on my wife. I wish my means allowed for a bigger cheque but I hope that I may be helping, through the Royal Medical Benevolent Fund, some unfortunate fellow medico or his dependants."

1, Balliol House, Manorfields, S.W.15. LEWIS G. GLOVER, Hon. Treasurer, R.M.B.F.

## INFECTION FROM DUST

SIR,—Considerable attention is being directed today towards floor dust as a source of cross-infection in hospital wards and elsewhere (Andrewes, C. H. *Lancet*, 1940, **2**, 770), it being known that a number of organisms, particularly *Streptococcus pyogenes*, may remain there viable and at least potentially pathogenic for periods extending into weeks. In the course of an extensive investigation into the preventive aspects of cross-infection now being made in this hospital on behalf of the War Office and in conjunction with the team of workers at the National Institute for Medical Research, Hampstead, we have assayed the streptococcal content of a number of dust samples from hospital wards. Our complete data will be published later, but the results of these analyses are so striking that they deserve mention now to emphasise this aspect of such a commonplace as dust.

During a mild outbreak of streptococcal sore throats and follicular tonsillitis in one ward a few weeks ago, all the dust swept up one morning was assayed, each sample being labelled as to its origin and treated separately. The ward is an ordinary 26-bed hospital ward divided into two by a glass partition and door; the main corridor with the offices, &c. and two single-bed isolation cubicles, runs off the ward at right angles. At the end of this there is a large day-room which is only used by patients from the ward beneath, although the patients in this ward have to traverse it to reach their kitchen. On the day in question there were 22 patients in the ward, all of whom except 3 exhibited *Strep. pyogenes* (mainly type 6) in their throats. One of the most severe cases (F) was isolated in a side ward. The initial cases occurred nine days previously; the epidemic spread did not begin until four days before this experiment.

The total weight of the dust was 29·06 g., which, for a morning sweeping, reflects a clean, well-kept ward. The hæmolytic streptococci were distributed among the various samples as follows:—

| | | | |
|---|---|---|---|
| Ward (16-bed section) .. .. | 16,261,000 | Office .. .. | 1,041,000 |
| Ward (10-bed section) .. .. | 23,323,000 | Linen room .. | 939,000 |
| Cubicle 1 (F) .. | 17,020,000 | Staff day-room .. | 329,000 |
| Cubicle 2 (non-clinical case) .. | 1,173,000 | Day-room (transit only) .. .. | 320,000 |
| Surgery (E.N.T. dept.) .. .. | 160,000 | Entrance corridor (kitchen) .. | 1,171,000 |
| Main corridor .. | 1,411,000 | Annexe (W.C.'s, baths, &c.) .. | 38,745,000 |

The total number of hæmolytic streptococci swept up from the various parts of this ward on that particular morning was nearly 102,000,000.

These experiments, apart from demonstrating the enormous numbers of bacteria which are present on the floor of an apparently clean ward, illustrate two important facts. First, that very high bacterial concentrations may be met with even in small, single-bed isolation wards, and unless these are effectively dealt with they may represent a semi-permanent reservoir of infection for succeeding patients in the same ward. Secondly, that the highest number of organisms is present, not in the dust of the ward, but in the dust of the ward annexe with its W.C.'s, lavatories and baths. This observation confirms the work of Miles et al. (*Brit. med. J.* 1940, **2**, 855, 895) on the rôle of baths in hospital cross-infections.

If the organisms remained on the floor the risk of infection would be greatly reduced. In ordinary wards, of course, without special floor treatment this is not so, and millions are re-projected into the air with each sweeping. Parallel air counts during this work showed that while F's cubicle was being swept, 1 : 500,000 gentian violet

blood agar plates representing 10 cu. ft. air grew as many as 141 *Strep. pyogenes* type 6 corresponding to his infecting organism. These were undoubtedly derived from the enormous reservoir of floor dust which is being constantly implemented during the patient's infective stage. The importance of allaying these dusts by such means as treatment of the floors with spindle oil (Van den Ende, Lush and Edward, *Lancet*, 1940, 2, 133), which our experiments have shown to be very effective for this purpose, cannot be too strongly emphasised.

Shenley, Herts. JOHN C. THOMAS.

### IRRIGATION OF BURNS

SIR,—I am extremely interested in Mr. Fraenkel's statement in your last issue that the hypochlorite irrigation method produces a "clear, glossy, transparent and elastic covering of the raw surfaces." This film cannot be an interfacial membrane of the Ascherson type and is akin to that produced by protein denaturation at an air/water surface, especially foam.

What is common to the tannic acid, triple dye, albumin, hypochlorite irrigation, and oil treatments is the formation of a membrane. Only the oil treatment, however, produces a true liquid/liquid interfacial membrane of polar-nonpolar character, providing for permeability of both lipoid- and water-soluble materials. Such a film, too, is the one most responsive to the presence of ions, notably calcium ions. In other words, this type of membrane is the nearest approach biologically to membrane in vivo. It is the one most likely to serve as a vehicle for appropriate medication whilst still operating to seal areas whence serum would leak.

Orpington. WILLIAM CLAYTON.

## Obituary

### JAMES IAN McCONNELL

M.B. DURH.; LIEUTENANT, R.A.M.C.

Lieutenant J. I. McConnell was the elder son of Dr. James McConnell, school medical officer for Tynemouth. He was educated at Uppingham School where he was a member of the O.T.C. He graduated M.B. from the Durham College of Medicine in June, 1939, and in August was appointed a house-surgeon at the Royal Victoria Infirmary, Newcastle. He resigned in the following November when he obtained a commission with the R.A.M.C. At first he was attached to an ambulance unit but later he became a battalion medical officer with the Sherwood Foresters. He took part in the Norwegian campaign and last May was reported "missing, believed prisoner of war." In December, however, news was received from the Norwegian Red Cross that he had been buried at Lillehammer on April 28. No other particulars were given.

*Gladstone Adams, Whitley Bay.*

As a student McConnell worked hard but he found time to take an active part in college life and a friend who faced with him the pleasures and adversities of a medical student's life, writes: "With his ready humour and disarming cheerfulness Ian McConnell was a well-known and popular figure. He took a keen interest in the academic and social side of university life. On the rugby field his unorthodox and often unique tactics proved a constant thorn in the side of the opponents. A good companion and a true friend he was welcome at any gathering of the medical fraternity, whether on the Students Representative Council, in the University Union, in O.T.C. camps or at medical dances—all institutions which he supported vigorously." When he could escape from his work and town life he was happiest fishing a border stream or watching bird life while walking on the Cheviots or the Northumbrian hills and beaches.

### MARCUS MAX ISSERLIN

Professor Isserlin, who has died in Sheffield where he found refuge from Nazi persecution, is best known to neurologists as the author of a monograph on aphasia in the great "Handbuch der Neurologie." After graduating in 1902, he studied physiology and psychology before joining Kraepelin's staff in Heidelberg. Later he followed him to Munich as research worker and associate professor, becoming head of Kraepelin's psychological laboratory. During this period he was mainly concerned with the analysis of voluntary movements; he also introduced experimental phonetics into the study of anomalies of speech in nervous and mental disease. During the last war he was in charge of one of the centres for head injuries in soldiers; after the war Isserlin's genius for organisation made it a unique place for the treatment, aftercare and vocational guidance of cerebral injuries. With American help he built the Heckscher Institution for nervous disease which originally admitted war victims only, but was later enlarged to admit civilian patients after accidents and defective children. It consisted of an outpatient department, a hospital for temporary treatment, a home for invalids, curative workshops, laboratory, and a statistical and follow-up department for cases of cerebral injury in the Southern contingent of the German army. Isserlin's interest centred more and more round the disturbances of speech, and these patients provided rich material for study which culminated in his monograph on aphasia and in a series of articles on the patho-physiology of speech. Combining as he did a wide experience in cerebral symptomatology with a thorough knowledge of modern psychology he was able to replace the association psychology, employed by the diagram makers of aphasia, with modern views still retaining well-established principles of localisation in the brain. It had been his hope that some of his experience might be of use here and now in the care and treatment of cerebral injury.

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Lieut.-Colonel H. E. PRIESTLEY, who died at Yateley, Hants, on March 15, will be remembered as one of the heroes of the typhus epidemic which broke out in the Wittenberg camp for prisoners of war at the end of 1914, when for nine months the camp was cut off from the outside world. For his devotion and competence Priestley was awarded the C.M.G.

Lieutenant DONALD ALFRED BIRD, R.A.M.C., was killed in France on June 18, 1940. He was attached to the 1st East Surrey regiment. Lieutenant Bird was born in Canada in 1914. He took the Scottish conjoint qualification in 1939 and soon after obtained a short service commission in the R.A.M.C. He began a course at the R.A.M. College which was interrupted by the outbreak of war.

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ROYAL SOCIETY.—The following have been elected to the fellowship of the society:—

W. N. Benson, professor of Geology, University of Otago, Dunedin; H. J. Bhabha, reader in theoretical physics, Indian Institute of Science, Bangalore; E. C. Bullard, Smithson research fellow of the Royal Society; C. D. Darlington, director, John Innes Horticultural Institution; P. I. Dee, university lecturer in physics, Cambridge; Surgeon Rear-Admiral S. F. Dudley, M.D., medical director-general of the Navy (designate); J. C. Eccles, M.B., director, Kanematsu Memorial Institute for Pathology, Sydney; H. W. Florey, M.B., professor of pathology, University of Oxford; A. A. Griffiths, research engineer, Rolls-Royce, Ltd.; H. W. Melville, professor of chemistry, University of Aberdeen; Joseph Needham, reader in biochemistry, Univeristy of Cambridge; Sir David Rivett, deputy chairman and chief executive officer, Australian Council for Scientific and Industrial Research; Alexander Robertson, professor of organic chemistry, University of Liverpool; T. G. Room, professor of mathematics, University of Sydney; A. J. Rowledge, consultant engineer to Rolls-Royce Ltd.; H. Scott, assistant keeper of entomology, British Museum (natural history); F. Simon, reader in thermodynamics, University of Oxford; H. G. Thornton, head of the bacteriology department, Rothamsted Experimental Station; R. A. Watson Watt, scientific advisor on telecommunications, Ministry of Aircraft Production; and P. Bruce White, member of the scientific staff, National Institute for Medical Research.

Flight-Lieutenant D. A. Smith, M.B. Edin., has been appointed to order of the British Empire (military division). Flight-Lieutenant W. N. Whiteside, M.B. Dubl., Flight-Lieutenant J. L. Brown, M.B. Edin., and Flight-Lieutenant E. C. Gross, L.M.S.S.A., have been mentioned in dispatches.

# Medical News

### University of Oxford

On Wednesday, June 4, the general medical electorate, which consists of all Oxford graduates in medicine who are members of convocation, will elect two members to the board of the faculty of medicine. The members elected will come into office on the first day of Michaelmas term, 1941. The senior will hold office for two years and the junior for one year. Nominations will be received by the secretary of faculties at the university registry, up to 10 A.M. on Wednesday, May 14. Each nomination must be signed by six members of the electorate.

### University of Dublin

On March 19 at the school of physic, Trinity College, the following degrees were conferred :—

*M.A.O.*—O'D. T. D. Browne.
*M.D.*—R. T. Jackson.
*M.B., B.Ch., B.A.O.*—A. F. Crowley, A. H. H. Guilbride, J. R. Healy, H. B. C. Houston, L. C. Jacobson, Bernard Kernoff, C. D. MacCarthy, M. A. Majekodunmi, Kathleen M. Patterson, Alicia G. Pike, Simon Smullen and W. J. Thompson.

### National University of Ireland

On March 6 the honorary degree of doctor of science was conferred on Dr. Gordon Holmes, F.R.S., Dr. F. R. M. Walshe, and Prof. E. Hey Groves. Apart from their scientific distinction, the three graduands have personal associations with Ireland. Dr. Holmes is a native of Co. Louth and was educated at Trinity College, Dublin, where he took his medical degrees in 1898 ; and in 1933 the college conferred on him the honorary degree of D.Sc. Dr. Walshe, though not born in Ireland, can claim Irish parentage, for his father was born in Co. Mayo. Mr. Hey Groves was for several years an external examiner in surgery of the university. Dr. Walshe and Mr. Hey Groves were unable to attend the graduation, but Dr. Holmes was present, and afterwards delivered a lecture on neurosis and the war.

### University of Bristol

Mr. J. M. Yoffey, lecturer in anatomy at the University College of South Wales and Monmouthshire, has been appointed to the chair of anatomy in succession to Prof. S. E. Whitnall, who is shortly retiring.

Mr. Yoffey qualified M.B. from the University of Manchester in 1924 and took his B.Sc. two years later. He was awarded a Leech research fellowship in 1926, and obtained his M.D. with commendation in 1928, after which he held a B.M.A. research scholarship. He was house-surgeon at the Manchester Royal Infirmary, passing on to demonstrate in the anatomical department and taking the F.R.C.S. in 1932. He then spent two years in America with a Rockefeller foundation and first went to Cardiff as senior demonstrator in anatomy. He has made a special study of the lymphatic pathway from nose and pharynx, and this year he delivered a Hunterian lecture on the subject, which will shortly be published in our columns.

### Royal College of Obstetricians and Gynæcologists

At recent examinations for the D.R.C.O.G. the following were successful :—

Marie H. Calverley, L. E. Cowan, Ursula M. Dick, Marjorie O. Dunster, D. S. Foster, R. R. Gordon, C. N. Gosse, Ruth M. Howitt, I. L. T. Jones, Agnes M. D. Milne, James Overton, Mary A. Rogerson, C. R. Sluming, Christine M. Stacey, Evelyn E. Steed and Lucy M. Sutcliffe.

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On April 2, at 4.30 P.M., at the Royal Society of Medicine Dr. H. P. Bayon will address the section of history of medicine on the conquest of lues venerea, and at the same time at the section of surgery, Mr. Jocelyn Swan, Dr. C. Worster-Drought and Mr. W. Rowley Bristow will open a discussion on peripheral nerve injuries.

The house and library of the society will be closed from April 11 to 14, both days inclusive.

The next meeting of the Shaftesbury Military Hospital Medical Society will be held on Saturday, March 29 at 3 P.M., when Dr. Charles Newman and Mr. Reginald Payne will open a discussion on the dyspeptic in the army. On Tuesday, April 1, at 3 P.M., Lord Horder will address the society on the future of medicine.

A meeting of the Medical Society of London will be held at 11, Chandos Street, W.1, on Monday, March 31, at 4.30 P.M., when Dr. John M. Converse and Mr. Alan Hunt will open a discussion on the factors influencing the healing of wounds.

On Wednesday, April 2, at 2.30 P.M., at the Royal Society of Arts, John Adam Street, London, W.C.2, Lord Horder will read a paper entitled The Modern Troglodyte.

# Notes, Comments and Abstracts

## CONTROL OF OBNOXIOUS INSECTS

BY ERIC HARDY, F.Z.S.

IN normal times a hospital is seldom worried by insects outside its kitchens and boiler houses, but under war-time conditions there may be trouble from the use of buildings placed near farms, brooks or other breeding places. The hospital's chief insect visitors are house-flies, gnats or mosquitoes, cockroaches and crickets. Cleanliness is no precaution against them, in fact if it means a predominance of white materials it may even attract flies. Ventilation, however, helps by keeping the air cool and dry. Marking house-flies with coloured chalk has proved that they will travel 13 miles in a couple of days, which means that a hospital's source of flies can be manure or refuse heaps, stable yards or cow-sheds up to that distance away.

There are two house-flies causing the trouble. The one which appears in spring and summer and forms jerky dancing parties under the lights is the lesser house-fly, which has three dark lines (hard to see in the male) down its somewhat slender body ; it generally breeds in rotten damp paper, decaying vegetation, behind old wallpaper and plaster, and in rubbish. The common house-fly does not appear until about July, and it is then the commonest species until September, when the females hibernate for the winter in warm retreats ready to emerge in spring and lay their eggs. The common house-fly breeds in fresh stable manure or in earth closets. They contaminate food and clothes with their cushion-like feet and their hairy bodies, and by their habit of feeding by ejecting a blob of saliva to dissolve the food before they suck it back in solution. Their usual life is 34 days. If their breeding place can be located in a local stable, fowl-run or farmyard, the manure can be sterilised chemically by sprinkling it with iron sulphate mixed with 40 parts of soil ; but not more than 15 tons per acre of such treated manure should be used by farms for agricultural purposes. Alternatively, the fresh manure can be stacked daily on a wooden platform, supported by posts a foot high over a 4-in. concrete basin kept full of water. The flies will choose this fresh manure for breeding in, and when their mature maggots or larvæ leave the manure to seek a pupating site they will fall off the edge of the platform into the water trough and be drowned ; up to 99% of the larvæ can be destroyed by this method. If manure is forked over frequently, larvæ can be rapidly destroyed by raking them into the hot deep portions of the manure heap. Gnats or mosquitoes most often inflict bites indoors because the biting female gnat hibernates ; the males have no bite and mostly die off in autumn. Although the straight-bodied *Anopheles* mosquitoes have the worst reputation, the hump-backed *Culex* species are more common. The larval stage of mosquitoes is aquatic, and likely breeding grounds are the standing water in soft-water butts, badly drained fields and camping sites, blocked ditches and dykes.

Indoors, flies and gnats can be repelled by selecting certain colours for decoration. H. F. Nuttall, with others, has shown that pale yellow repels gnats or mosquitoes ; so that if curtains, lampshades, fanlights, walls and ceilings are that colour they will prove a deterrent to the insects. This colour scheme will also discourage—or at least not encourage—house-flies and even wasps, which are attracted by whitewashed or white-painted ceilings and walls. Pale blue is also more effective than white in discouraging flies, and government stables in Denmark removed their fly-trouble by using a bluewash instead of whitewash. This method has critics because insects may put up with a repellant colour if no alternative offers. A saucer of 10% formalin as the only available drink in a room will attract and kill flies and a 2% formalin or a pyrethrum oil spray is effective on their dancing parties. Adhesive fly papers are most effective when scented with geranium or rose oil. There are reliable commercial insecticides which are highly effective when used as sprays, but it is important to make sure that those chosen are really lethal and do not merely stupefy the insects temporarily.

Wasps, bluebottles, biting grey stable flies, ants and bees are as a rule only accidental visitors ; if they become

regular ones there must be a nearby breeding source. Wasp-nests may be in the ground, among tree roots, in rat or rabbit holes, in banks, in hollow trees, or even suspended in outhouses. The nest has to be located and then when all the wasps have returned at dusk, creosote or petrol is poured down and the entrance well plugged up. Ants' nests under stones, steps or flag paths, or in banks and so on are treated likewise, though the common dusky brown ant is largely a nocturnal wanderer.

Cockroaches and crickets can be dealt with in much the same way. The noise of the cricket is its chief annoyance—a single ungetatable cricket can be as upsetting in the ward at night as an air-raid—but the cockroach may do damage by contaminating food. The most effective way of controlling both is with a simple trap, made from a glass jam jar baited with cooked vegetable, banana, orange peel or meat flavoured with aniseed or beer, and fitted with an inverted cone cap of stiff smooth art paper, with sufficient space for the insect to slip through. A sloping gangway or steps up to the top of the cone must also be provided. The smell of the bait attracts the hunting cockroach or cricket at night, and it will slip down the cone into the jar. A number of such traps can be placed in likely haunts in the evening and the captives tipped out into boiling water next morning. Where kitchens or boiler houses are heavily infested with these insects, it may be better to fumigate the rooms with sulphur dioxide, by burning 2 lb. of sulphur for each 1000 cu. ft. room and keeping the room sealed for 36 hours. Poison baits for cockroaches and crickets can be made from 3 parts of sodium fluoride to 1 part pyrethrum powder, or borax and pyrethrum flavoured with castor sugar or chocolate. Sprays to fetch crickets and cockroaches out of the cracks and crevices of their retreats can be made from ½ lb. pyrethrum powder in 1 gallon of paraffin. This is decanted and 2 oz. of methyl salicylate, or acetic acid added.

The house-mouse may be attracted, like cockroaches, by surplus food material, and in autumn and winter field mice and house mice are driven indoors for warmth. They are probably never numerous enough to require sulphur or cyanide fumigation, and the latter in any case is best confined to outdoor rat-holes. Individual traps or poison baits should be varied and numerous (ten per head of the estimated mouse or rat population) and should be placed in the most frequented haunts of the rodents, which are discovered by examining dusty pipes and corners for footmarks. Bait should compete with the available food-supply. Bread and cheese merely imitate the scraps which can be found in the kitchens and larders, and a more attractive bait would be minced bloater or kipper, oatmeal or rolled oats; it should not be flavoured with aniseed or it will attract cockroaches. A useful bait, harmless to domestic animals, can be made from 1 part by weight of liquid extract of red squill, 2½ parts of fine oatmeal or rolled oats and 1½ parts of dripping or castor sugar; the fat is melted to mix the rest into a paste and the final product is wrapped in twists of tissue paper. A useful deodorant for mice, cockroaches and the like is zinc chloride or nitrate of lead. This may be either squirted into mouse-holes, or a sheet may be dipped in the solution and suspended.

Buildings can be made mouse and rat proof by stopping all holes with cement reinforced with broken crockery or glass, or plugging them with a poisonous paste of barium carbonate and dripping so that the rodents are poisoned when they gnaw their way out. Foundations should be set in concrete, all basement windows, drains, drain-pipes and ventilators should be covered with mesh wire, and the bottoms of outside doors should be covered with a sheet of brass or zinc to prevent rodents gnawing their way in. All food bins should be of metal.

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WE have now received from America the January number of the new *Journal of Clinical Endocrinology*. This medical paper is being published monthly for the Association for the Study of Internal Secretions which controls *Endocrinology*. The two journals will aim at being complementary, experimental work being largely segregated in the old journal and its practical applications in the new. The annual subscription is $6·50 and the publisher Charles T. Thomas, 220 East Monroe Street, Springfield, Illinois.

CHEMOTHERAPY OF WOUNDS.—In some of the systemic infections the technique of chemotherapy seems to be established, though no doubt improvements both in the choice of drug and its dosage will continue to be made. In surgery, however, the possibilities of the sulphonamide drugs are only beginning to be revealed, and it is no easy task to lay down rules for their use. Messrs. May and Baker of Dagenham have produced a well-documented booklet in which the present position of chemotherapy in the prevention and treatment of infection in wounds is clearly explained and they will do the practitioner a useful service by keeping the booklet up to date. This they clearly intend to do, for a revised edition has appeared within a few weeks of the first. It is obtainable free of charge on request.

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Air-Commodore F. C. Cowtan has been appointed an honorary surgeon to the King in succession to Air-Marshal Sir Victor Richardson, who has retired.

The volunteer officers' decoration has been awarded to Surgeon Commander F. L. Cassidi, M.B. Camb.

An election of junior Beit fellows for medical research will be made in July. The fellowships are normally of the annual value of £400 for three years, and candidates must hold a registrable medical qualification. Elections are rarely made above the age of 35. The trustees wish to further research in mental disease, and preference will be given to a candidate proposing research in that subject. Applications should be sent by May 14 to Prof. T. R. Elliott, F.R.S., at University College Hospital Medical School, London, W.C.1.

Roche Products (Welwyn Garden City, Herts) have opened a branch office at 166, Buchanan Street, Glasgow, C.1.

## Appointments

AIREY, F. S., M.B. Edin., M.R.C.P.E.: dermatological referee for Circuits 18 and 19.

DICK, NANCY K., M.B. Lond.: deputy medical superintendent at South Middlesex Fever Hospital, Isleworth.

HOWES, ELLEN, M.R.C.S.: temp. asst. to school M.O. and to M.O.H. for Brighton.

RIBEIRO, C. O., M.R.C.S.: examining factory surgeon for Knowbury, Salop.

SHALDERS, GERTRUDE, L.D.S., D.M. Vienna: asst. dental surgeon for Ilford.

STANDRING, THOMAS, M.D. Lond.: deputy M.O.H. for Woolwich.

WILSON, R. S., L.R.C.P.E., D.P.M., L.D.S.: deputy medical superintendent at the North Wales Counties Mental Hospital, Denbigh.

*Birmingham City Council.*—The following have been appointed temp. M.O.s for maternity and child welfare:—
BEBBINGTON, EVELYN F., M.B. Lpool D.P.H.;
FLEMING, MAY E. M., M.B. Glasg., D.P.H.; and
PENWILL, MARJORIE L., M.B. Lond.

## Births, Marriages and Deaths

### BIRTHS

GRAHAM.—On March 11, at Lahore, the wife of Major G. K. Graham, I.M.S.—a daughter.

JEREMY.—On March 16, at Cambridge, the wife of Flight-Lieutenant W. H. R. Jeremy, M.B., R.A.F.V.R.—a daughter.

MATHESON.—On March 16, in Edinburgh, the wife of Dr. Alister R. Matheson—a son.

MAYON-WHITE.—On March 18, at Sutton, Surrey, the wife of Dr. R. M. Mayon-White—a daughter.

MEIKLE.—On March 19, at Malvern, the wife of Dr. Gilbert J. Meikle—a son.

SANTOW.—At Hamilton, N.S.W., the wife of Dr. G. S. Santow—a son.

SARKIES.—On Feb. 1, at Mandalay, the wife of Capt. J. W. R. Sarkies, I.M.S.—a daughter.

VAUGHAN.—On March 8, at Barnard Castle, the wife of Surgeon-Lieutenant Cyril Vaughan—a daughter.

### MARRIAGE

HENRY—BENNETT-JONES.—On March 22, at Liverpool, Leon Henry, F.R.C.S., to Patricia Mary Bennett-Jones, M.B.

### DEATHS

ILLIUS.—On Feb. 13, at Funchal, Madeira, Henry Warwick Illius, C.I.E., F.R.C.S.E., lieut.-colonel, I.M.S. retd.

JACKSON.—On March 19, at Harrogate, Basil Frederic Forrester Jackson, M.R.C.S., of Upper Richmond Road, Putney.

MITCHELL.—On March 15, in Birmingham, Thomas Ellis Mitchell, L.M.S.S.A., captain R.A.M.C., aged 34.

SMYLY.—On March 19, at Seapoint, co. Dublin, William Josiah Smyly, Kt., M.D. T.C.D., F.R.C.S.I., F.R.C.P.I., F.R.C.O.G.

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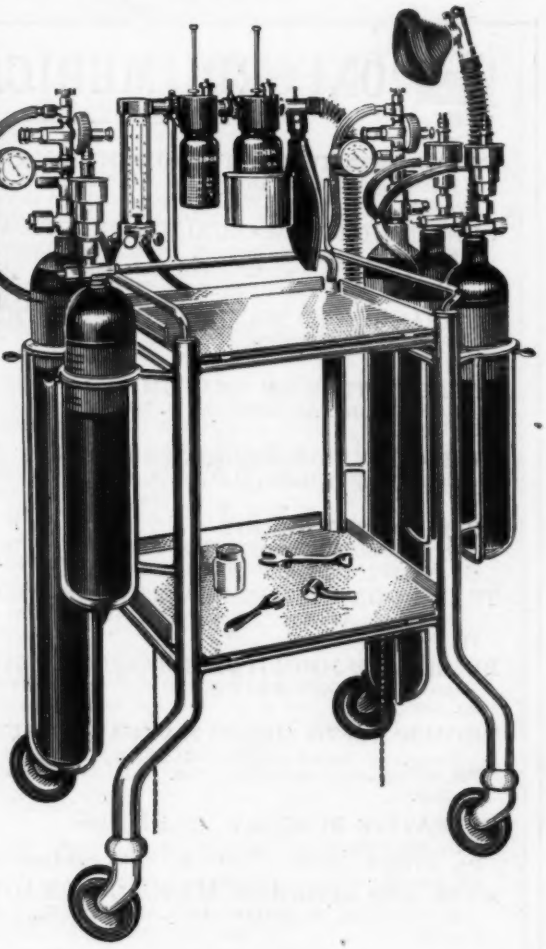

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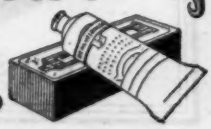

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A careful series of experimental tests has recently shown that "Alasil" is more completely absorbed than ordinary salicylate compounds, and that it is practically free from the risk of liberating free salicylic acid in the stomach. Wide clinical experience anticipated these findings by demonstrating that the use of "Alasil" can be pushed or prolonged to a much greater extent than ordinary salicylate compounds, and that it can be given with equal safety to children, adults, the aged and patients with finely-balanced digestive capacities.

*A supply for clinical trial with full descriptive literature sent free on request.*

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M269



## EPIDEMIC INFLUENZA VIRUS SUSPENSION I.V.S. (B.D.H.)

*For the production of active immunity against epidemic influenza*

True epidemic influenza is due to a filterable virus. An elementary body suspension is prepared from this virus in the B.D.H. bacteriological laboratories. Subcutaneous administration of 1 c.c. of this suspension should produce an immunity towards true influenza for approximately twelve months.

In view of the imminent danger of outbreaks of true influenza at the present time the immediate immunisation of those persons with a high individual susceptibility towards influenza is advocated.

*Literature on request*

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VS/E/392

# Confidence in serum therapy with

# GLOBULIN MODIFIED ANTITOXIN

## *Lederle*

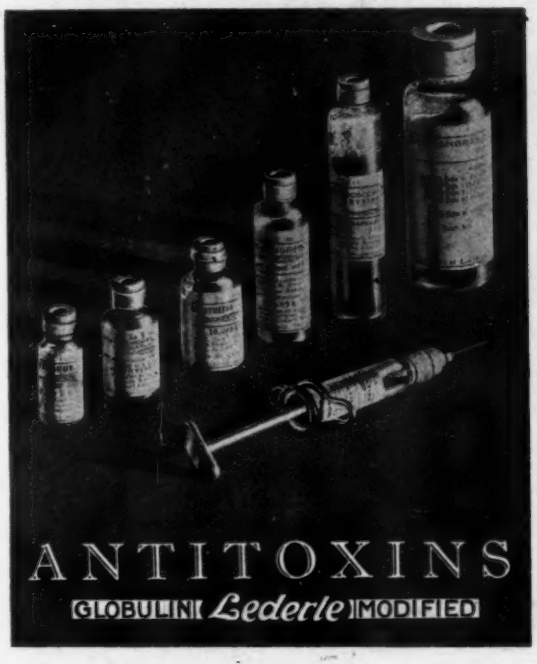
*Lederle's* exclusive process of serum refinement removes as much as 90% of the troublesome proteins by peptic digestion.

This modern biologic achievement has changed the old attitude of expected untoward reactions with antitoxin therapy by assuring—

—a lower expectancy of serum sickness;
—marked reduction in volume; 1/10 to 1/15 of original;
—increased potency per cc.;
COMPARE —fewer complications.

| DIPHTHERIA ANTITOXIN | Units per cc. | Volume for 45,000 units | Percentage purity antitoxin nitrogen to total nitrogen | Actual mg. antitoxin nitrogen | Percentage impurity non-antitoxin nitrogen | Actual mg. non-antitoxin nitrogen | Mg. allergenically active protein | INCIDENCE OF SERUM DISEASE |
|---|---|---|---|---|---|---|---|---|
| Unrefined | 500 | 90 cc. | 6.7% | 72 | 93.3% | 1003 | 1003 | 53% |
| Salted Out | 2,500 | 18 cc. | 14.0% | 72 | 86.0% | 442 | 442 | 25% |
| **Globulin Modified *Lederle*** | **9,000*** | **5 cc.** | **63.0%** | **72** | **37.0%** | **42** | **.084** | **5%** |

* Potency of last commercial batch




"Globulin Modified Antitoxins *Lederle*" are available for Diphtheria, Gas Gangrene, Tetanus, Erysipelas, Scarlet Fever, Tetanus-Gas Gangrene and Hæmolytic Streptococcus infections.

*Literature and quotations on request from Sole Distributing Agents:*

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PRODUCTS OF THE LEDERLE LABORATORIES, Inc., NEW YORK U.S.A., DISTRIBUTED IN ENGLAND BY CHAS. F. THACKRAY LTD. The Old Medical School Leeds, 1 Telephone 20085 (3 lines) Telegrams, Aseptic, Leeds. LONDON ADDRESS 252 Regent Street, W.1. Telephone and Telegrams, Regent 1884.

FORMULA

INTESTINAL GLAND EX. . Ogr. 05
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LACTIC FERMENTS . . . . Ogr. 05
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INITIAL DAILY DOSE
2 Tablets.

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BIOLOGICAL TREATMENT OF
CONSTIPATION
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IN states of nervous tension there is frequently found an associated impairment of assimilation and nutrition. Conversely it is observed that when measures are taken to provide an easily assimilated food which meets every metabolic need, the patient's condition undergoes definite improvement.

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The nutritive and energising constituents of 'Ovaltine' are rapidly assimilated, providing every dietary essential, and at the same time exerting a helpful sedative effect on the nervous system.

'Ovaltine' possesses many advantages, and its outstanding usefulness receives even greater emphasis in war-time practice, both civil and military. Now, as in 1914-1918, 'Ovaltine' is widely used in the war-time hospital service both in England and overseas. Supplies are available to hospitals in special packings and at special prices.

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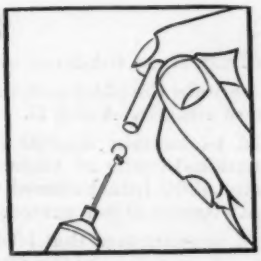
# Ideal for Emergencies

# 'TUBUNIC' TRADE MARK

## Ampoule-Syringe

1

2


3

4

**1** The 'Tubunic' Ampoule-Syringe is easy to manipulate and is ready for instant use.
Start by unwrapping metal band.

**2** Remove glass hood, leaving pin in needle.

**3** Perforate container by pushing down pin.
The container or ampoule holds 1 c.c. solution or, in the case of the 'Cycliton' 'Tubunic' Ampoule, 2 c.c. solution.

**4** Remove pin; avoid touching needle.

**5** Insert under skin and inject contents by squeezing the collapsible ampoule or tube.
Every 'unit' is hermetically sealed and sterile.

**FOR PAIN AND EXCITEMENT**

*'Omnopon' Total Opium Alkaloids in 'Tubunic' Ampoules, 1 c.c. containing gr. ½ (Morphine content gr. ¼).*

**FOR SHOCK AND COLLAPSE**

*In cases of shock, respiratory or circulatory failure, 'Cycliton' Analeptic is recommended. Supplied in 2 c.c. 'Tubunic' Ampoule-Syringes in boxes of 6 and in single units.*

**ROCHE PRODUCTS LIMITED**

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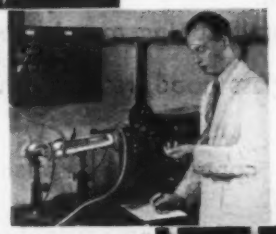
# Effective Vitamin Medication

# 'NADOLA'

MEDICAMENTA VERA P&D & Co.

NATURAL VITAMINS A&D

*One of the six rooms in the Parke-Davis Vitamin Research Department. It contains 1300 rat cages.*



*To supplement the biological test for vitamin A in 'Nadola' the spectrophotometer is used.*

*The vitamin D potency of 'Nadola' is checked by the "line-test" with silver-nitrate-stained leg bones from rats.*

**'NADOLA' is a standardized liquid obtained by careful blending of vitamin-assayed fish-liver oils. It possesses 90 times the minimum vitamin A potency and over 60 times the minimum vitamin D potency of B.P. cod-liver oil.**

**'NADOLA' is:—**

1. **Derived entirely from fish-liver oils.**
2. **Blended to contain the ideal nutritional proportions of vitamins A and D.**
3. **Standardized to contain 55,000 International units of vitamin A and 5500 International units of vitamin D per gramme.**
4. **So concentrated that 10 drops (or 1 capsule) are the vitamin equivalent of 3 teaspoonfuls of high-grade medicinal cod-liver oil.**

***Supplied in 10 c.c. and 50 c.c. bottles; also in capsules (3 minim) in bottles of 25 and 100***

## Over 23 years Experience

**For over 23 years vitamin research has been a major project in the Parke-Davis Research Laboratories. Amongst the several developments from this work have been the first procedure for measuring the vitamin D potency of cod-liver oil, co-operation in the first officially recognized method of vitamin A assay, and also in the introduction of high-potency fish-liver oils. This intensive programme of vitamin research is being continued and expanded.**

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*Laboratories: Hounslow, Middlesex* *Inc. U.S.A., Liability Ltd.*

# An Effective Weapon against Fatigue and Depression

★ The three most consistent effects of 'Benzedrine' Brand Tablets are: relief of fatigue, psychological stimulation, and amelioration of mood. Present circumstances inevitably increase the number of persons who require just this help to enable them to stand up to their duties efficiently.

★ All that has been published on this aspect of 'Benzedrine' therapy is constantly being reinforced by reports from doctors in badly bombed areas. Certain types of "war neuroses," characterized by fatigue, depression, and mental inertia, improve enormously with small doses.

★ The September *Practitioner* (p. 205) draws attention to the merits of 'Benzedrine' Brand Tablets in increasing alertness and concentration during night duty—a reminder that the drug is a valuable emergency measure for those whose activities require an unusual expenditure of physical or mental energy. (*See also* October issue, p. 299.)

Each tablet contains 5 mg. β-aminoisopropylbenzene sulphate (amphetamine sulphate)

**'BENZEDRINE'**
BRAND
**TABLETS**

*Samples and literature will be sent on the signed request of any interested physician*

**MENLEY & JAMES LTD.**, 123 COLDHARBOUR LANE, LONDON, S.E.5

# The Lister Institute OF PREVENTIVE MEDICINE.

Therapeutic Substances Act, Licence No. 9

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## (Globulin Solution)

The results of animal experiments carried out both in this country and in the United States of America have proved that meningococcal infections are best treated by a combination of sulphonamide and serum therapy. A combined form of treatment is therefore advised for the treatment of cerebrospinal meningitis in man. Both therapeutic agents should be administered at the earliest possible moment. The serum may be given intravenously or intrathecally.

The serum prepared at the Lister Institute is subjected to a process of purification and concentration whereby a large proportion of the inactive serum protein is removed; the dose of antibody is thus contained in a smaller volume of fluid. Uniformity of potency is secured by assaying each batch of serum by a mouse protection test.

Three preparations are issued in concentrated form:

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(2) Anti-meningococcus serum (Group I)
(3) Anti-meningococcus serum (Group II)

An Anti-Meningococcus Serum for diagnostic purposes is also available.

Stocks of the Lister Institute products are maintained at Messrs. Allen & Hanburys Ltd., Vere Street, London, W.1 (Telephone: Mayfair 2216) and supplies can be obtained at any hour of the day or night.

*Particulars with regard to these sera are obtainable from*

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"No aspect of medicine is more important at the present time than that of inducing or reinforcing resistance to infectious diseases".

*Rep. med. Res. Counc.* (1938-39) *Jan.* 1940, *p.* 25.

*Rosebay (Epilobium Angustifolium), to be found growing in the vicinity of coal mines, is a flower unsullied by the dust-polluted atmosphere. Nature in her mysterious way has rendered this flower immune from blemishes of dust.*

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Diphtheria Prophylactic Alum Precipitated Toxoid—A.P.T. (Evans).

Diphtheria Prophylactic Formol Toxoid —F.T. (Evans).

Diphtheria Prophylactic Toxoid Antitoxin Mixture—T.A.M. (Evans).

Diphtheria Prophylactic Toxoid Antitoxin Floccules—T.A.F. (Evans).

Diphtheria Prophylactic Toxoid (Alum Precipitated) with Whooping Cough Vaccine—D.W.P. (Evans).

Whooping Cough Vaccine (Evans).
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Tetanus Toxoid (Evans).

Typhoid Vaccine (Evans).

Typhoid-Paratyphoid Vaccine—T.A.B. Vaccine (Evans).

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*Literature sent on application to Home Medical Dept., Hanover Street, Liverpool, 1.*

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Cases are encountered daily which call for the prescription of one or other of the following British drugs:

***DAGENAN-M & B 693***
*For pneumococcal, gonococcal and meningococcal infections.*

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*For cases which prove intolerant to "M & B 693."*

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*For parenteral administration in streptococcal infections.*

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*For insomnia.*

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*For epilepsy.*

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*For rheumatoid arthritis.*

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*For oral administration in streptococcal infections.*

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*For topical applications in bacterial skin infections.*

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*For insomnia associated with pain.*

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*For epilepsy.*

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*For high blood pressure.*

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*Fully prepared to meet the Nation's Needs*

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**All 'Wellcome' Biological Products are made in this country and supplies for regular or for emergency use are always and instantly available for home or export.**

*Corynebacterium Diphtheria*

## TRADE MARK 'WELLCOME' BRAND A.P.T.

*Diphtheria Prophylactic Alum Precipitated Toxoid*

Particularly effective in young children. The two dose method has always been advocated.

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*Diphtheria Prophylactic Toxoid-Antitoxin Floccules (Suspension)*

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A reliable preparation, but a less efficient prophylactic.

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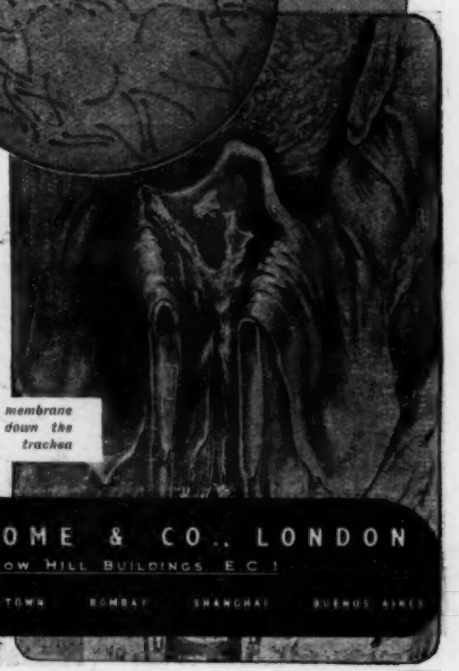
Literature and prices to the Medical Profession on request



*Diphtheric membrane extending down the trachea*

*Prepared at*
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In Convalescence from Influenza the characteristically profound lassitude and the low blood-pressure are likely to be accompanied by diminution of the capacity for digesting food and by slight anæmia.

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One teaspoonful of HALIBORANGE is equivalent in vitamins A and D to one teaspoonful of cod-liver oil, and in vitamin C to two teaspoonfuls of fresh orange juice.

HALIBORANGE is an excellent addition to the diet of babies as a precaution against rickets and scurvy. For older children, adolescents, or adults, it is a prophylactic vitamin tonic.

Each teaspoonful of Haliborange contains 2000 international units of vitamin A, 650 international units of vitamin D, and 100 international units (5 mg.) of vitamin C.

In 5, 10, and 40 oz. bottles

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Supplied in one-ounce and five-ounce collapsible tubes.

*References:* Lancet, *November 16th, page 621.*
B.M.J. *November 16th, page 679.*

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# BYNIN AMARA

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**STOPS SEPTIC DEVELOPMENT WHILST HEALING**

**SPECIFIC AGAINST** the micro-organisms causing abscesses, boils, eczema, dermatitis, erysipelas, hæmorrhoids, impetigo, ulcers and all inflammatory cutaneous affections. **ANTIPEOL LIQUID** for infections of the ear, septic cavities and suppurating wounds

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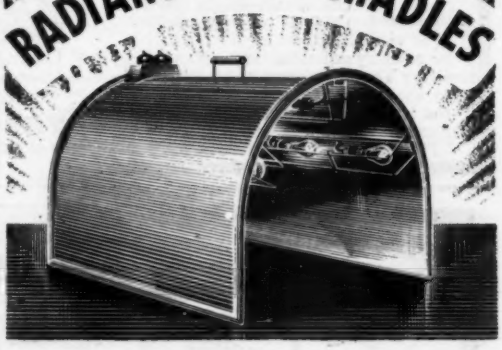

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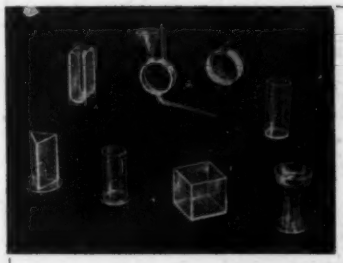

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# BRITISH POSTGRADUATE MEDICAL SCHOOL

(UNIVERSITY OF LONDON)

## WAR SURGERY OF THE ABDOMEN—January 20th-24th, 1941

Monday, January 20th.
- 10 A.M. Introduction.
- 11.15 A.M. Types of Abdominal Wounds and their pathological consequences.
- 12.15 P.M. Instruments and Appliances for Abdominal Surgery.
- 2 P.M. Cadaver Demonstration.

Tuesday, January 21st.
- 10 A.M. Gunshot Wounds of Bladder and Pelvis.
- 11.15 A.M. Gunshot Wounds of Kidney and Ureter.
- 1.15 P.M. Bus to Royal College of Surgeons.
- 2 P.M. Demonstration of Specimens in War Collection at Royal College of Surgeons.

Wednesday, January 22nd.
- 10 A.M. Wounds of Solid Viscera.
- 11.15 A.M. Gunshot Wounds in the Field.
- 12.30 P.M. X-ray Demonstration.

Wednesday (*cont.*).
- 2 P.M. After-treatment of Abdominal Wounds and immediate complications.
- 3 P.M. Some late complications and sequelæ.

Thursday, January 23rd.
- 10 A.M. Abdomino-thoracic Wounds.
- 11.15 A.M. Technique of Operation for Abdominal Wounds.
- 12.30 P.M. X-ray Demonstration.
- 2 P.M. Gunshot Wounds of Urethra, etc.
- 3.15 P.M. Gunshot Wounds of External Genitalia.

Friday, January 24th.
- 10 A.M. Gunshot Wounds of Rectum and Large Bowel.
- 11.15 A.M. Complications of Gunshot Wounds of Rectum and Large Bowel.
- 12.30 P.M. Anæsthesia.
- 2 P.M. Some notes on Casualties recently seen in the Field.

The names of lecturers will be notified later.

The fee for the Course will be one guinea, but no fee will be charged in the case of Officers of the Armed Forces and E.M.S. who submit a leave certificate and register their names before the commencement of the Course.

Applications for tickets should be addressed to the Dean, British Postgraduate Medical School, Ducane Road, London, W.12.

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# University of Bristol.

The University invites applications for the CHAIR OF ANATOMY, vacant in August, 1941.

Full particulars may be obtained from the undersigned, with whom application should be lodged not later than January 30th, 1941.

WINIFRED SHAPLAND, Secretary and Registrar.

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*Vice-Chancellor and Principal*—Sir JAMES COLQUHOUN IRVINE, C.B.E., D.Sc., Sc.D., LL.D., D.C.L., F.R.S.

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SESSION 1941–42 will open 7th October, 1941. The whole curriculum may be taken at Dundee, or the first two years may be taken in St. Andrews, the remaining three in Dundee.

CLINICAL INSTRUCTION at Dundee Royal Infirmary, Maryfield Hospital, Dundee Dental Hospital and other Medical and Surgical Institutions in Dundee.

BURSARY (SCHOLARSHIP) COMPETITIONS. May and June annually. Entries due 21st April and 2nd May.

BURSARIES FOR MEDICAL STUDENTS. At St. Andrews: Taylour Thomson (for Women), two of £40 and one of £30 for five years; Malcolm (for Men and Women), £40 for five years, vacant annually. At Dundee: Hepburn (for Men or Women), £25 for three years, vacant at intervals.

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# Liverpool School of Tropical Medicine.
UNIVERSITY OF LIVERPOOL.

COURSES OF INSTRUCTION.

**Arrangements have been made with the London School of Hygiene and Tropical Medicine and with the Colonial Office that, for the duration of the war, courses of instruction in Tropical Medicine and Hygiene will be held alternately in London and Liverpool. The next course for the Diploma in Tropical Medicine, lasting about three months, will be held in Liverpool and will commence on January 7th, 1941.**

**Prospectus from the Laboratory Secretary, School of Tropical Medicine, Pembroke Place, Liverpool, 3.**

TREATMENT OF PATIENTS.

**There is an outpatient department at the School for all sufferers from diseases contracted in the tropics. Cases needing hospital treatment are admitted to the Tropical Ward (general and private wards) of the Liverpool Royal Infirmary, which adjoins the School. Special arrangements are made for civil servants and for members of certain firms who are regular subscribers to the School.**

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WESTFIELD COLLEGE, Kiddepore-avenue, N.W.3.

A discussion on "WAR STRAIN IN CHILDREN: ITS MANIFESTATIONS AND TREATMENT," introduced by Miss A. T. ALCOCK, Play Therapist, The Tavistock Clinic, and Child Guidance Officer, Huntingdonshire, will take place on Sunday, January 12th, at 3.0 P.M. Open to medical practitioners. Admission free. Tea provided.

Those wishing to attend should notify the Educational Secretary in advance to facilitate arrangements.

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FACTORIES ACT, 1937.

The following appointments as Examining Surgeons under the Factories Act, 1937, are vacant. Applications should be sent to the Chief Inspector of Factories, Cleland House, Page-street, London, S.W.1.

| District. | County. | Latest date for receipt of applications. |
|---|---|---|
| BRIXHAM .. | .. DEVON | .. 7th January, 1941. |
| BERKHAMSTED .. | .. HERTFORD | .. 7th January, 1941. |
| LIVERPOOL, GARSTON | .. LANCASTER | .. 7th January, 1941. |

# St. Mary's Hospital Medical School,
W.2.
(UNIVERSITY OF LONDON.)

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A Course of Instruction for the June Examination will begin on TUESDAY, FEBRUARY 4TH, 1941, in the following subjects:—

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# Notice of Removal.

The IRISH BRANCH of the GENERAL MEDICAL COUNCIL.

The address of the office on and after January 1st, 1941, will be 68, Fitzwilliam-square, Dublin.

All business will be conducted as usual at the office, 35, Dawson-street, until December 31st, 1940.

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This REGISTERED HOSPITAL, with a SEASIDE BRANCH at Colwyn Bay, N. Wales, is for the treatment and care of those of the Upper and Middle Classes suffering from MENTAL AND NERVOUS DISEASES.

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# CRICHTON ROYAL, DUMFRIES
## For NERVOUS AND MENTAL DISORDERS

Separate Villa for patients suffering from the effects of alcoholism and drug addiction. Every facility for complete investigation and individual treatment on the most modern lines. Fully equipped gymnasium, golf course, and indoor swimming pool. Specially trained occupational and recreational therapists. **Special Department for Insulin Therapy.** As the hospital is well endowed terms are exceptionally moderate, e.g., First Department from 3 guineas per week, Second Department, 2 and 2½ guineas per week. Voluntary and certified patients are received. Medical Certificates given anywhere in the British Isles are valid for admission of patients. *For prospectus, necessary forms, and further information apply to:—*

Physician Superintendent, P. K. McCowan, J.P., M.D., F.R.C.P., D.P.M., Barrister-at-Law. Tel. Dumfries 1119.

# RUTHIN CASTLE, NORTH WALES

A Private Clinic, the first in Great Britain, for investigation and treatment of all forms of disease, except infectious and mental

**There is a steel and concrete Air Raid Shelter with heating and a lift to all floors**

Inclusive charges Apply SECRETARY Telephone: Ruthin 66

# THE OLD MANOR SALISBURY

*A Private Hospital for the Care and Treatment of those of both sexes suffering from MENTAL DISORDERS.*

Extensive grounds. Detached Villas. Chapel. Garden and Dairy Produce from own farm. Terms very moderate.

**CONVALESCENT HOME AT BOURNEMOUTH** Detached Villas standing in 12 acres of ornamental grounds, with tennis courts, etc., which Voluntary, Temporary or Certified Patients may visit by arrangement for long or short period.

Illustrated Brochure on application to the Medical Superintendent. The Old Manor, Salisbury. Telephone: Salisbury 3216 and 3217.

# PECKHAM HOUSE, 112, Peckham Road, London, S.E.15

**Telegrams: "Alleviated, London"** **Telephone: Rodney 2641-2642**

A Private Mental Hospital, for Ladies and Gentlemen suffering from Nervous and Mental Illness, where the amenities of a comfortable home are combined with full investigation and every well-established modern treatment.

Terms from 3½ guineas weekly.

Illustrated Prospectus may be obtained from the Physician Superintendent.

# VALE ROYAL ABBEY

## The New Cheshire Home of MUNDESLEY SANATORIUM

This Modernised Mansion, situated in its own beautiful grounds in the heart of Cheshire, has been taken over, equipped and adapted to provide the high standard of treatment always associated with Mundesley Sanatorium—and more than ever necessary in Wartime. Terms from 6½ to 10½ guineas weekly. Tel.: Winsford 3336.

Vale Royal Abbey, Hartford, Cheshire.

Medical and Surgical Staff:
S. VERE PEARSON, M.D. (Cantab.), M.R.C.P. (Lond.)
E. C. WYNNE-EDWARDS, M.B. (Cantab.), F.R.C.S. (Edin.)
GEORGE DAY, M.D. (Cantab.)

# THE CASSEL HOSPITAL FOR FUNCTIONAL NERVOUS DISORDERS

**new address: ASH HALL, BUCKNALL, near STOKE-on-TRENT, STAFFS.** *Telephone:* ASH BANK 15

Owing to existing circumstances the hospital has been transferred from Swaylands, Penshurst, Kent, to the above address for the duration of the war. Ash Hall is situated in the country about 5 miles from Stoke in the direction of Ashbourne.

The hospital will continue to admit for treatment patients of moderate means suffering from psychoneurotic illnesses.

Patients suffering from psychotic illnesses are not eligible for admission.

Further particulars may be obtained by application to the Medical Director at the new address.

# HOLLOWAY SANATORIUM VIRGINIA WATER

**A Registered Hospital for the Treatment of MENTAL DISORDERS of the EDUCATED CLASSES. Founded by THOMAS HOLLOWAY in 1885.**

This Institution is situated in a beautiful and healthy locality within easy reach of London. It is fitted with every comfort. Patients can have Private Bedrooms and Special Nurses as well as the use of General Sitting Rooms, at moderate rates of payment. Voluntary Patients can be admitted.

There is a Branch Establishment at CANFORD CLIFFS, BOURNEMOUTH, where Patients can be sent for a change and be provided with all the comforts of a well-appointed home.

*For Terms, apply to—*

**The RESIDENT MEDICAL SUPERINTENDENT, St. Ann's Heath, Virginia Water, SURREY**

# VALE OF CLWYD SANATORIUM

This Sanatorium is established for the treatment of Tuberculosis of the Lungs and the Pleural Cavities. It is situated in the midst of a large area of park-land at a height of 450 feet above sea-level, on the South West slopes of mountains rising to over 1800 feet, which protect it from north and east winds and provide many miles of graduated walks with magnificent views. Average rainfall 29·57 per annum. Full day and night Nursing Staffs. X-Ray plant. Every facility for Artificial Pneumothorax and for operations on the chest. Electric Lighting. Central Heating. Home Farm. Grade A Milk from T.T. Herd.

For particulars apply to Medical Superintendent.

H. MORRISTON DAVIES, M.D., M.Ch. (Cantab.), F.R.C.S., Llanbedr Hall, Ruthin, N. Wales.

## THE MAGHULL HOMES FOR EPILEPTICS (INC.)

**MAGHULL (Near Liverpool)**

FARMING and OPEN AIR OCCUPATION for PATIENTS

**A few vacancies in 1st and 2nd Class Houses.**

FEES:

1st Class (men only) from £3 5s. p.w. upwards.

2nd Class (men and women) 32/- p.w.

*For further particulars apply*

**Secretary,**

**C. EDGAR GRISEWOOD, A.C.A., 28 Exchange St. East, Liverpool**

## NORTHUMBERLAND HOUSE

GREEN LANES,

FINSBURY PARK, N.4

A PRIVATE HOSPITAL for the treatment of mental and nervous illnesses. Conveniently situated and easy of access from all parts. Occupational Therapy, Psychotherapy, and other modern forms of treatment. A.R.P. Shelters.

*Telephone:* Stamford Hill 2688.

For further particulars apply to the MEDICAL SUPERINTENDENT

## PORTSMOUTH CITY MENTAL HOSPITAL

Accommodation is provided for the reception of PRIVATE PATIENTS of both sexes in three detached Villas, which are healthily and pleasantly situated in extensive grounds with sea views.

Charges from 3 guineas weekly, including all necessaries except clothing.—Apply to the Medical Superintendent and Resident Physician, THOMAS BEATON, O.B.E., M.D., F.R.C.P.

## BROOKE HOUSE, CLAPTON

A PRIVATE HOME for the treatment of Nervous and Mental Disorders in both sexes. Situated in nine acres of Pleasure Grounds.

Voluntary, Temporary, and Certified Patients received.

*For further particulars apply—*

Dr. ERNEST ROLLINS, Resident Physician.

*Tel.:* Amherst 1642.

## MALLING PLACE, KENT

For LADIES and GENTLEMEN of Unsound Mind.

Terms moderate. Apply to Resident Medical Superintendent. Telegrams: ADAM WEST MALLING. Telephone No. 2: MALLING.

## HEIGHAM HALL, NORWICH

PRIVATE MENTAL HOME for Nervous and Mental Illness. All forms of treatment available. Fees from 4 gns. per week upwards according to requirements. Vacancies occasionally exist at reduced fees on the recommendation of the patient's own physician.

Apply to Dr. J. A. SMALL. Telephone: Norwich 80.

## THE COPPICE, NOTTINGHAM.

HOSPITAL FOR MENTAL DISEASES.

President: The Right Hon. LORD BELPER.

This Institution is exclusively for the reception of a limited number of PRIVATE PATIENTS of both sexes, of the UPPER and MIDDLE CLASSES, at moderate rates of payment. It is beautifully situated in its own grounds, on an eminence a short distance from Nottingham, and commands an extensive view of the surrounding country; and from its singularly healthy position and comfortable arrangements affords every facility for the relief and cure of those mentally afflicted. Voluntary and Temporary Patients received. Occupational Therapy. For terms, &c., apply to the Medical Superintendent.

Telephone: 64117 Nottingham.

# SPRINGFIELD HOUSE

'Phone: BEDFORD 3417. **Near BEDFORD**

**For Mental Cases with or without Certificates.**

*Ordinary Terms: Five Guineas per week (including Separate Bedrooms for all suitable cases without extra charge).*

For forms of admission, &c., apply to the Resident Physician, CEDRIC W. BOWER.

INTERVIEWS IN LONDON BY APPOINTMENT.

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**FENSTANTON,** at "FIVE DIAMONDS," Chalfont St. Giles, Bucks.

A Private Home for the Care and Treatment of a limited number of LADIES with Mental and Nervous Disorders. Certified, Voluntary, and Temporary Patients received. Mansion with 12 acres of ground. (*See Medical Directory*, p. 2346.) Apply Resident Physician. Telephone: Little Chalfont 2046. Station: Chalfont and Latimer.

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## CITY OF LONDON MENTAL HOSPITAL

**Near DARTFORD, KENT.**

Ladies and Gentlemen received for treatment under certificates, and without certificates as either VOLUNTARY or TEMPORARY PATIENTS, at a weekly fee of £2 9s., and upwards.

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## CHISWICK HOUSE,

**PINNER, MIDDLESEX.**

Telephone: PINNER 234.

A Private Hospital for the Treatment and Care of Mental and Nervous Illnesses in both Sexes.

A modern country house, 12 miles from Marble Arch, in attractive and secluded surroundings. Fees from 10 guineas per week inclusive. Cases under Certificate, Voluntary and Temporary Patients received for treatment.

DOUGLAS MACAULAY, M.D., D.P.M.

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## UNIVERSITY EXAMINATION POSTAL INSTITUTION

**17, RED LION SQUARE, LONDON, W.C.1**

Over 50 years' experience

**POSTAL AND ORAL COACHING**

FOR

**ALL MEDICAL EXAMINATIONS**

**MEDICAL PROSPECTUS (36 pages),**

sent gratis, along with List of Tutors, &c., on application to the Principal, 17, Red Lion-square, London, W.C.1. (Telephone: HOLborn 6313.)

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## Evelina Hospital for Sick Children,

Southwark Bridge-road, S.E.1.

Applications are invited at once from registered Medical Practitioners, including R Practitioners within three months of qualification, for the combined appointment of HOUSE SURGEON-OUT-PATIENT OFFICER (A), for six months from the 1st January, 1941. Salary at the rate of £120 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

W. H. SIDNELL, House Governor.

13th December, 1940.

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## Hampstead General Hospital,

Haverstock Hill, N.W.3.

OUT-PATIENT DEPARTMENT, Camden Town, N.W.1.

Applications are invited from registered single medical Women for the resident appointment of CASUALTY SURGICAL OFFICER for six months, vacant 14th January next, at the Out-patient Department, Camden Town. Salary £100 per annum, plus an allowance of £50 per annum for duties in connexion with the First-Aid Post established there.

Applications on the prescribed form, with copies of three testimonials, to be returned to the undersigned immediately.

KENNETH A. F. MILES, Secretary.

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## Hampstead General Hospital,

Haverstock Hill, N.W.3.

(REGION 5, SECTOR 4—E.M.S.)
At Haverstock Hill, N.W.3.

Applications are invited from single medical Men, including R practitioners holding A posts, for the post of HOUSE SURGEON (B2) for six months, vacant 1st March. Salary £133 6s. 8d. per annum.

At OUT-PATIENT DEPT., Camden Town, N.W.1.

Applications are invited from single medical Women for the post of CASUALTY MEDICAL OFFICER (B2) for six months, vacant 1st February. Salary £100 per annum, plus an allowance at £50 per annum for duties in connexion with the First-Aid Post established there.

Applications on the prescribed form, with copies of three testimonials, to be returned by 21st January.

KENNETH A. F. MILES, Secretary.

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## The Royal Cancer Hospital (Free)

(Incorporated under Royal Charter),
Fulham-road, London, S.W.3.

Applications are invited for the post of MEDICAL REGISTRAR. Candidates must be duly qualified and registered under the Medical Act and engaged in consulting practice only. Preference will be given to those holding the diploma of M.R.C.P.

The appointment will be for the duration of the war. Honorarium £150 per annum.

Applications, together with copies only of not more than three recent testimonials, to be sent to the undersigned not later than the first post on Wednesday, 8th January, 1941.

CLEMENT COBBOLD, Secretary.

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## British Postgraduate Medical School.

(UNIVERSITY OF LONDON).

Applications are invited from registered medical practitioners, Male and Female, for the appointment of HOUSE SURGEON (A) to become vacant early in January, including R practitioners within three months of qualification. The appointment is for six months and carries a salary of £105 per annum, plus the usual residential emoluments.

Applications, stating age, qualifications with dates, and nationality, accompanied by copies of three recent testimonials, should be sent not later than January 6th, 1941, to the DEAN, British Postgraduate Medical School, Ducane-road, London, W.12.

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## The Victoria Hospital for Children,

Tite-street, Chelsea, S.W.3.

APPOINTMENT OF
SENIOR RESIDENT MEDICAL OFFICER (B1).

Applications are invited from registered medical practitioners, including suitably qualified R practitioners holding B2 or B1 posts, for the appointment of Senior Resident Medical Officer (Male or Female), to become vacant on 1st February, 1941. Salary £200 per annum, with board, lodging and washing.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than Friday, 17th January, 1941.

D. ST. JOHN BAMFORD, Secretary.

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## London Chest Hospital,

Victoria Park, E.2.

A vacancy for a class B2 HOUSE PHYSICIAN will occur on 1st February. Six months' appointment. Salary at the rate of £100 per annum. Board, residence, and laundry provided.

Applications, with copies of three testimonials, should be sent immediately to the SECRETARY.

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## The South London Hospital for Women,

Clapham Common, S.W.4.

Applications are invited from medical Women for the undermentioned appointment:—

HOUSE SURGEON

for a period of six months from 1st February. Salary at the rate of £100 per annum, with full residential emoluments.

Candidates are requested to call on members of the Hon. Medical Staff before Wednesday, 15th January, by which date applications, stating age, nationality, qualifications with dates, and accompanied by copies of three recent testimonials, must reach the SECRETARY at the Hospital.

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## National Temperance Hospital,

Hampstead-road, N.W.1.

Applications are invited for the post of full-time MEDICAL OFFICER AND BLOOD TRANSFUSION OFFICER (B1), now vacant, under the E.M.S. Salary £350 per annum, payable by the Ministry of Health. Suitably qualified R practitioners holding B2 or B1 posts are invited to apply.

Candidates, preferably a Graduate of a University of the United Kingdom, or a M.R.C.P., should submit applications, together with three recent testimonials, not later than January 15th, addressed to the Secretary.

# HIS MAJESTY'S COLONIAL SERVICE

## THE COLONIAL MEDICAL SERVICE

## VACANCIES FOR MEDICAL OFFICERS

**The maintenance of an efficient Colonial Medical Service constitutes a vital part of the national war effort and it is most important that the Service should be assured of an adequate supply of doctors.**

**The Secretary of State for the Colonies therefore invites applications from doctors possessing a medical qualification registrable in the United Kingdom who are British subjects and who are under thirty-five years of age.**

**Medical Officers are appointed in the first instance for general service. But there are ample opportunities for work in special branches of medicine and surgery, in public health and in medical research.**

**The normal salary scale is from £600 to between £1,000 and £1,120. There are large numbers of super-scale posts to which promotion is made on merit and which carry higher salaries.**

**Government quarters, in many cases free of rent, and first-class passages to and from the Colonies are provided, and an adequate pension scheme is in force.**

**Selected candidates are normally required to attend a course of instruction in Tropical Medicine and Hygiene either before proceeding overseas or during their first period of leave.**

**Further particulars, including the regulations governing admission to the Colonial Medical Service, may be obtained from the Director of Recruitment (Colonial Service), 29, Queen Anne's-gate, London, S.W.1.**

## National Temperance Hospital,
Hampstead-road, N.W.1.

The post of SURGICAL REGISTRAR (B1) is now vacant. Applications are invited from candidates possessing the F.R.C.S. qualification. In addition he will be a whole-time Officer under the E.M.S. Salary £550 per annum for both duties, payable by the Ministry of Health. Suitably qualified R practitioners holding B2 or B1 posts are invited to apply.

Applications, accompanied by copies of three recent testimonials, to be forwarded by January 15th, addressed to the Secretary.

## London County Council.

Temporary Part-time VISITING OBSTETRICIAN required at SHEFFIELD STREET HOSPITAL, Kingsway, W.C.2 (Women and Girls suffering from Venereal Diseases).

Person appointed required to attend once weekly. Emergency visits as required. £125 a year, plus £2 12s. 6d. for each emergency visit.

Application form obtainable (stamped addressed foolscap envelope necessary) from Medical Officer of Health, Staff Division (S.D.6), County Hall, S.E.1, returnable by 13th January, 1941.

Canvassing disqualifies.

## Metropolitan Borough of Woolwich.

APPOINTMENT OF DEPUTY MEDICAL OFFICER OF HEALTH.

Applications are invited from registered medical practitioners for the appointment of a Deputy Medical Officer of Health. The appointment is a whole-time one.

Candidates must possess the Diploma in Public Health and have had experience in Tuberculosis, Maternity and Child Welfare and general Public Health work. Experience in Air Raid Precautions will be regarded as an additional qualification.

The appointment, which will be held during the pleasure of the Council, will be subject to approval by the Minister of Health, to the By-laws and Regulations of the Council, to termination by one month's notice on either side, and to the provisions of the Local Government Superannuation Act, 1937. The successful candidate will be required to pass a medical examination.

The salary will be £800 per annum, rising by annual increments of £50 to a maximum of £1100.

Applications, on a form to be obtained from the Medical Officer of Health, Town Hall, Woolwich, S.E.18, and accompanied by copies of not more than three recent testimonials, must be received by me not later than the first post on the 18th January, 1941, in envelope endorsed "Deputy Medical Officer of Health."

Canvassing any member of the Council, either directly or indirectly, will disqualify.

DAVID JENKINS, Town Clerk.

Town Hall, Woolwich, December, 1940.

## Merton and Morden Urban District COUNCIL.

TEMPORARY APPOINTMENT OF ASSISTANT MEDICAL OFFICER (MALE OR FEMALE).

Applications are invited from registered medical practitioners for the post of Assistant in the Public Health Department. The officer appointed will be required to devote the whole of his or her time to the duties of the office under the direction of the Medical Officer of Health. The duties will include the regular inspection by day or night, as required, of the public shelters in the district and such other duties as may be required.

The salary will be at the rate of £600 per annum and the appointment subject to one month's notice on either side.

Applications, stating age, qualifications, and any commitments to the Fighting Services, together with copies of not more than three recent testimonials, should reach the undersigned not later than 18th January, 1941.

C. J. MOUNTIFIELD, Clerk of the Council.

Dorset Hall, Kingston-road, Merton, S.W.19,
23rd December, 1940.

## Royal London Ophthalmic Hospital
(MOORFIELDS EYE HOSPITAL), City-road, E.C.1.

Applications are invited for the post of REFRACTION ASSISTANT, to attend on Mondays and Thursdays (mornings) each week.

Candidates must be registered medical practitioners.

Payment will be made at the rate of £1 5s. per session.

Applications, with testimonials, must be received by the undersigned not later than 13th January, 1941.

A. J. M. TARRANT, Secretary.

## Middlesex County Council.

NON-RESIDENT SURGEON (Grade II) (B1) required for HILLINGDON COUNTY HOSPITAL, near UXBRIDGE (to live near hospital). Must be registered medical practitioners (including suitably qualified R practitioners holding B2 or B1 appointments) of high qualifications and professional attainments, who have devoted their time wholly or chiefly to the practice of surgery. Salary £650–£50–£1000 per annum. The appointment is a senior one in the Council's general hospital service and will be unestablished for the duration of the war, subject to medical examination and three months' notice. Whole-time duties will be carried out under the supervision of Medical Superintendent. Successful candidate must be prepared to undertake teaching students and such other duties as Council may direct. The salary is inclusive and any fees received must be paid to the Council.

Application, stating age, nationality, qualifications with dates, and details of previous and present appointments, to the undersigned. No application forms provided. Relationship to any member or officer of the Council to be disclosed. Copies of not more than three recent testimonials. Canvassing, directly or indirectly, will disqualify. Closing date 18th January, 1941.

C. W. RADCLIFFE, "B3," Clerk of the County Council.

Guildhall, Westminster, S.W.1.

## Middlesex County Council.

SPRINGFIELD MENTAL HOSPITAL,
Beechcroft-road, London, S.W.17.

TEMPORARY ASSISTANT MEDICAL OFFICER (B1) (unestablished) required. Salary £400 per annum and all found. One month's notice on either side. Mental experience desirable but not essential. Suitably qualified R practitioners holding B2 or B1 posts are invited to apply.

Apply, with copies of three testimonials and stating age nationality, and qualifications, to the MEDICAL SUPERINTENDENT.

## Royal Northern Hospital,
Holloway, N.7.

Applications are invited from registered medical practitioners for the appointment of a HOUSE PHYSICIAN (B2), to become vacant on February 1st, for a period of six months, including R practitioners who now hold A posts. Salary is at the rate of £70 per annum, plus extra emoluments and board, residence, and laundry.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than January 10th.

GILBERT G. PANTER, Secretary.

## Royal National Orthopædic Hospital,
BROCKLEY HILL, STANMORE, MIDDLESEX.

Applications are invited from registered medical practitioners (Male), including R practitioners holding A posts, for the appointment of RESIDENT HOUSE SURGEON (B2).

There are two vacancies, one on February 1st and the other on March 1st. The appointments are for a period of six months. Salary £200 per annum, with board, quarters, laundry, &c.

Applications, stating age, nationality, qualifications, and previous experience, with copies of testimonials, should be sent to the SECRETARY, Royal National Orthopædic Hospital, 234, Great Portland-street, W.1, not later than Monday, January 20th.

## West London Hospital,
Hammersmith, W.6.

APPOINTMENT OF ONE HOUSE PHYSICIAN (A) AND ONE HOUSE SURGEON (A).

Applications are invited from registered medical practitioners, Male and Female, for the appointment of a House Physician (A) to become vacant on 19th January, and of a House Surgeon (A) to become vacant on 25th January, including R practitioners within three months of qualification. The appointments will be for periods of six months in each case. Salary is at the rate of £100 a year, with full board and lodging.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than 14th January.

H. A. MADGE, Secretary.

## Borough of Ealing.

TEMPORARY ASSISTANT MEDICAL OFFICER OF HEALTH.

Applications are invited from duly qualified medical practitioners over thirty-five years of age for the position of Temporary Assistant Medical Officer of Health. Other things being equal, preference will be given to applicants holding a Public Health qualification. The salary will be at the rate of £600 per annum, with a car allowance of £52 per annum. The officer appointed will be required to devote the whole of his time to the duties, under the direction of the Medical Officer of Health, which will consist of frequent and regular inspection by day and night of the public shelters in the district and of such other medical services as the Civil Defence Committee may require of him. The appointment will be subject to one month's notice on either side and will not confer any rights under the Superannuation Scheme. Canvassing will be a disqualification.

Copies of the application form and the terms of the appointment can be obtained from Dr. Thomas Orr, Medical Officer of Health, Town Hall, Ealing, W.5, to whom applications, accompanied by copies of not more than three recent testimonials, must be delivered not later than the 16th January, 1941.

R. H. WANKLYN, Town Clerk.

Town Hall, Ealing, W.5, January, 1941.

## Royal Liverpool Babies' Hospital,
WOOLTON.

A Post.

Required, RESIDENT MEDICAL OFFICER for the above Hospital. Appointment commencing February 1st, 1941. Salary at the rate of £125 per annum. R practitioners within three months of qualification may apply, when appointment will be limited to six months.

Applications, with copies of testimonials, to be sent to the HONORARY SECRETARY, 9, Copperas-hill, Liverpool, 3, immediately.

## Horton General Hospital, Banbury,
OXON.

APPOINTMENT OF A JUNIOR RESIDENT MEDICAL OFFICER (B2).

Applications are invited for the post of Junior Resident Medical Officer (Male or Female). R practitioners holding A posts may apply, when appointment will be limited to six months. Salary at the rate of £120 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post (if any), accompanied by copies of three recent testimonials, should be sent to the undersigned.

RICHARD H. PRESCOTT, Secretary and House Governor.

## York County Hospital.
(222 Beds.)

Applications are invited from registered medical practitioners for the following appointments:—

ORTHOPÆDIC HOUSE SURGEON AND CASUALTY OFFICER (A), immediately;

HOUSE SURGEON to the EYE, EAR, NOSE, AND THROAT DEPARTMENT (A), vacant 6th February, 1941;

including R practitioners within three months of qualification. If held by an R practitioner, appointment will be limited to six months. Salary is at the rate of £150 per annum in either case, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

J. R. MACKRILL, Secretary.

## Royal South Hants and Southampton
HOSPITAL.
(319 Beds.)

Applications are invited from registered medical practitioners, Male and Female, for the following appointments:—

HOUSE PHYSICIAN (B2), to become vacant on 31st January, 1941, including R practitioners holding A posts.

CASUALTY OFFICER (A), including R practitioners within three months of qualification.

Appointments will be for a period of six months each. Salary at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, to be sent to the undersigned as soon as possible.

EDWARD L. WIRGMAN, House Governor and Secretary.

## The Royal Infirmary, Sunderland.
(358 Beds.)

APPOINTMENT OF ASSISTANT PATHOLOGIST (B2).

Applications are invited from registered medical practitioners, Male and Female, who are registered as Laboratory Workers on the lists of the Medical Research Council, or who are ineligible for military service, for the appointment of Assistant Pathologist (B2), at a commencing salary of £450 per annum. R practitioners holding A posts are invited to apply, when appointment will be limited to six months.

Previous laboratory experience after graduation is essential.

The successful candidate will work under the direction of the Pathologist and will be required to devote the whole of his time to the Laboratory.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than January 16th.

M. J. HUNTLEY, House Governor and Secretary.

## The Royal Hospital, Wolverhampton.
(Incorporated under Royal Charter.)
(310 Beds.)

Applications are invited from registered medical practitioners, including R practitioners holding A posts, for the following post: RESIDENT ANÆSTHETIST (B2) vacant shortly. Salary at the rate of £200 per annum, with full residential emoluments.

The appointment is for six months.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

W. H. HARPER, House Governor.

Wolverhampton, 30th December, 1940.

## The Royal Hospital, Wolverhampton.
(Incorporated under Royal Charter.)

GYNÆCOLOGICAL AND OBSTETRIC DEPARTMENT.

ASSISTANT RESIDENT MEDICAL OFFICER (Female) required for the above Department (63 Beds). Duties to commence 1st February, 1941.

Candidates must be registered under the Medical Acts and unmarried.

The appointment is for six months. Salary at the rate of £100 per annum, board, furnished rooms, and laundry provided.

Applications, with copies of testimonials, to be forwarded to the undersigned.

W. H. HARPER, House Governor.

Wolverhampton, 30th December, 1940.

## Montagu Hospital, Mexborough.
(120 Beds—3 Residents.)

Applications are invited for the post of RESIDENT HOUSE SURGEON (Male) (A). Salary £150 per annum, with usual residential emoluments. R practitioners within three months of qualification may apply, when appointment is for six months, otherwise is subject to renewal. This post offers excellent opportunity for experience in all branches of Surgery.

Applications, stating age, nationality, qualifications, and experience, accompanied with copy testimonials, to be sent to the undersigned immediately.

A. LAYCOCK, Secretary-Superintendent.

## East Suffolk and Ipswich Hospital.
(380 Beds—8 Residents.)

Applications are invited from registered medical practitioners (including R practitioners within three months of qualification) for the appointment of HOUSE SURGEON (A), now vacant. Appointment will be for six months. Salary at the rate of £144 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, to be sent to the undersigned immediately.

ARTHUR GRIFFITHS, Secretary.

The Hospital, Ipswich, 28th December, 1940.

## County of Kent.

PUBLIC HEALTH DEPARTMENT.

APPOINTMENT OF ASSISTANT COUNTY MEDICAL OFFICER OF HEALTH.

Applications are invited for the above-mentioned whole-time appointment on the central medical staff of the Public Health Department.

The duties of the post will be mainly administrative and chiefly in connexion with Maternity and Child Welfare Services. Preference will be given to women applicants and it is desirable that candidates should have had previous experience in the general administrative work of a Public Health Department.

The salary is at the rate of £700 a year, with subsistence and travelling allowances according to the County Council's scale.

The post is superannuable and is terminable by three months' notice on either side. The successful candidate will be required to pass a medical examination.

Forms of application can be obtained from the County Medical Officer, County Hall, Maidstone, and completed application forms must be returned to him not later than 14th January, 1941.

W. L. PLATTS, Clerk of the County Council.

County Hall, Maidstone, 27th December, 1940.

## Northumberland County Council.

HEXHAM EMERGENCY HOSPITAL.

APPOINTMENT OF HOUSE SURGEONS (A).

Applications are invited from registered medical practitioners (Male and Female), including R practitioners within three months of qualification, for appointments as House Surgeons at the above Hospital (440 Beds). Appointments will be for six months, and, except in the case of R practitioners, will be renewable.

The salary is at the rate of £200 per annum, with full residential emoluments, or an allowance at the rate of £100 until residential accommodation is available.

Applications, stating age, qualifications with dates, and nationality, accompanied by copies of three recent testimonials, should be sent to the undersigned.

JOHN WALKER, County Medical Officer.

Public Health Department, New Senior School, Morpeth.

## Victoria Hospital, Burnley.

APPOINTMENT OF HOUSE SURGEON (A).

Applications are invited from registered Medical Practitioners, Male, for the appointment of House Surgeon (A), to become vacant immediately, including R Practitioners, within three months of qualification. If held by an R Practitioner appointment will be for a period of six months. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

J. E. WHEATCROFT, Secretary.

## Kettering and District General HOSPITAL.

APPOINTMENT OF A HOUSE PHYSICIAN (A).

Applications are invited from registered Medical Practitioners, Male and Female, for the appointment of a House Physician (A), to become vacant on 1st February, 1941. R Practitioners within three months of qualification may apply, when appointment will be limited to six months. Salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

G. W. JACKSON, Secretary-Superintendent.

## City and County of Newcastle upon TYNE.

NEWCASTLE GENERAL HOSPITAL. (900 Beds.)
SHOTLEY BRIDGE EMERGENCY HOSPITAL. (800 Beds.)

APPOINTMENT OF HOUSE PHYSICIANS (A) AND HOUSE SURGEONS (A).

Applications are invited from registered medical practitioners for the appointments of House Physicians (A) and House Surgeons (A), including R practitioners within three months of qualification.

The appointments will be tenable for a period of six months. Salary £150 per annum at the Newcastle General Hospital and £200 at Shotley Bridge Emergency Hospital, together with the usual residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of two recent testimonials, should be forwarded immediately to the Medical Officer of Health, Health Department, Town Hall, Newcastle upon Tyne, 1.

17th December, 1940.

## Norfolk and Norwich Hospital, Norwich.

(448 Beds.)

Applications are invited from registered medical practitioners (Male) for the following appointments:—

HOUSE PHYSICIAN (B2 post), open to R practitioners who now hold A posts.

GENERAL HOUSE SURGEON (A post).

DEPUTY CASUALTY OFFICER, with charge of beds in Ear, Nose and Throat and Ophthalmic Wards (A post). These posts are open to R practitioners within three months of qualification.

If held by R practitioners, the appointments will be for periods of six months.

Salaries for all posts are at the rate of £120 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

FRANK INCH, House Governor and Secretary.

27th December, 1940.

## Hull Royal Infirmary.

Applications are invited from registered medical practitioners (Male), including R practitioners within three months of qualification, for the post of CASUALTY OFFICER (A) vacant January. If held by an R practitioner the appointment will be for a period of six months. Salary at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of recent testimonials, should be sent to the undersigned.

R. J. CARLESS, House Governor.

## The Urban District Council of CASTLEFORD.

APPOINTMENT OF MEDICAL OFFICER OF HEALTH.

Applications are invited from registered medical practitioners holding the Diploma in Public Health or its equivalent for the above-named whole-time appointment, which will be subject to the provisions of the Sanitary Officers' (Outside London) Regulations, 1935, and the Local Government Act, 1933.

The salary attached to the post is £800 per annum, advancing, subject to satisfactory service, by annual increments of £25, to a maximum of £950 per annum, together with an allowance for travelling expenses of £50 per annum. Office accommodation and any necessary clerical assistance will be provided.

The candidate must not be more than forty-five years of age. He will be required:—

(a) To reside in Castleford or within such distance therefrom as may be approved;
(b) To perform all the duties imposed on a Medical Officer of Health by the relevant Acts and Orders;
(c) To perform such other public health duties, not being incompatible with the above, as the Urban Council may decide upon;
(d) To undertake such additional duties in the future as may be necessary to give effect to arrangements made by the West Riding County Council under Section III of the Local Government Act, 1933, and also duties in connexion with the Air Raid Precautions Act, 1937.

The appointment will be subject to the provisions of the Local Government Superannuation Act, 1937, and to the successful candidate passing a medical examination as to his physical fitness.

Applications, stating age, qualifications, and experience, on prescribed forms which may be obtained from the undersigned, and accompanied by not more than three recent testimonials, must be delivered to the undersigned not later than first post on Saturday, 4th January, 1941.

W. E. S. BARNES, Clerk of the Council.

Town Hall, Castleford.

## County Borough of Great Yarmouth.

Applications are invited from persons of not more than forty-five years of age for the appointment of ASSISTANT MEDICAL OFFICER OF HEALTH AND ASSISTANT SCHOOL MEDICAL OFFICER at a salary of £500 per annum, rising by annual increments of £25 to £700 per annum.

The person appointed will be required to conduct routine medical inspection in schools and attend at the various school clinics, to assist in the general duties of the Public Health Department, which includes the treatment and care of patients at the Borough Isolation Hospital, and work under the Maternity and Child Welfare Service.

The holding of a Diploma in Public Health will be considered an advantage.

The appointment is a whole-time one and the person appointed will be required to act for all purposes under the direction of the Medical Officer of Health and will not be allowed to engage in private practice.

The successful candidate will be required to pass a medical examination.

A form of application, which may be obtained from the undersigned, must be completed and returned to me, together with copies of not more than three recent testimonials, on or before the 14th January, 1941, in an envelope endorsed "Assistant Medical Officer."

The appointment will be subject to the approval of the Ministry of Health and to the provisions of the Local Government Superannuation Act, 1937.

Canvassing, either directly or indirectly, by or on behalf of a candidate will be a disqualification, and candidates must disclose in writing whether to their knowledge they are related to any member of, or holder of any senior office under, the Council. Any candidate who fails to do so will be disqualified, and, if appointed, will be liable to dismissal without notice.

The appointment will be terminable by three months' notice on either side.

FARRA CONWAY, Town Clerk.

Town Hall, Great Yarmouth, 18th December, 1940.

## Kent and Sussex Hospital, Royal TUNBRIDGE WELLS.

APPOINTMENT OF HOUSE SURGEON (B2).

Applications are invited from registered medical practitioners, Male, for the appointment of House Surgeon (B2), to become vacant immediately, including R practitioners who now hold A posts. If held by an R practitioner, appointment will be limited to six months. Salary is at the minimum rate of £175 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

TOM B. HARRISON, Superintendent-Secretary.

27th December, 1940.

## Caernarvonshire and Anglesey INFIRMARY, BANGOR (GENERAL HOSPITAL).

A JUNIOR HOUSE SURGEON wanted (A House appointment). Salary £130 per annum, with residence, board, and laundry. Duties to commence at once. R practitioners within three months of qualification may apply, when appointment will be limited to six months.

Applications, stating age, qualifications, and nationality, with two testimonials, should be addressed to the SECRETARY.

Good opportunity for Medical and Surgical experience.

## Addenbrooke's Hospital, Cambridge.

APPOINTMENT OF RESIDENT SURGICAL OFFICER (B1).

Applications are invited from registered medical practitioners for the appointment of Resident Surgical Officer to become vacant on February 17th, 1941. Applicants should have held house appointments and had surgical experience. Preference will be given to candidates holding Diploma of F.R.C.S. Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply. Salary is at the rate of £225 per annum.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than January 15th, 1941.

J. A. BEARDSALL, Secretary-Superintendent.

## Addenbrooke's Hospital, Cambridge.

APPOINTMENT OF HOUSE SURGEON (A).

Applications are invited from registered medical practitioners, Male and Female, for the appointment of House Surgeon (A) to become vacant on February 1st, 1941, including R practitioners within three months of qualification. The appointment will be for a period of six months, but is terminable at an earlier date by one month's notice on either side. Salary is at the rate of £130 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than Wednesday, January 8th, 1941.

J. A. BEARDSALL, Secretary-Superintendent.

## Weston-super-Mare Hospital.

(150 Beds.)

HOUSE SURGEON.

Applications are invited from Medical Practitioners (Male), including R Practitioners within three months of qualification, for the appointment of a House Surgeon (A) to become vacant on January 1st. If held by an R Practitioner the appointment will be limited to six months. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be addressed to the undersigned.

LESLIE J. FURSLAND, Secretary.

## Exeter City Hospital E.M.S.

APPOINTMENT OF HOUSE SURGEON (A).

Applications are invited from registered medical practitioners (Male) for the appointment of House Surgeon (A) to become vacant on 1st February, 1941, including R practitioners within three months of qualification. The appointment will be limited to six months. Salary is at the rate of £175 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned forthwith.

G. B. PAGE, Medical Officer of Health.

5, Southernhay West, Exeter, 16th December, 1940.

## Kent and Canterbury Hospital,

CANTERBURY.

(364 Beds—5 R.M.O.'s.)

(1) Appointment of RESIDENT SURGICAL OFFICER (B1)

Applications are invited from registered Male Medical Practitioners for the appointment of Resident Surgical Officer to become vacant on 1st January, 1941. Applicants should have held house appointments for at least 12 months and had surgical experience particularly in traumatic and orthopædic surgery. Preference will be given to candidates holding Diploma of F.R.C.S. Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply. Salary is at the rate of £320 per annum, with board, residence and laundry in addition.

(2) Appointment of a HOUSE SURGEON (A).

Applications are invited from registered Male Medical Practitioners for the appointment of a House Surgeon (A) including R practitioners within three months of qualification. If held by an R practitioner appointment will be for a period of six months. Salary is at the rate of £125 per annum, with full residential emoluments.

Applications, stating age, nationality, qualifications with dates, experience and details of previous appointments and accompanied by copies of three recent testimonials should be sent to the undersigned as early as possible.

J. F. KENT, Superintendent and Secretary.

## Municipal General Hospital, Burnley.

(250 Beds.)

APPOINTMENT OF JUNIOR RESIDENT MEDICAL OFFICER (A).

Applications are invited from registered medical practitioners, preferably Male, for the above appointment (A), including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Otherwise it will be for a period of twelve months. Salary is at the rate of £150 per annum for the first six months and £200 per annum for the second six months, with full residential emoluments.

Applications, stating age, qualifications with date, and nationality, and accompanied by copies of three recent testimonials, should be sent to the MEDICAL OFFICER OF HEALTH, 27, St. James's-street, Burnley, not later than 10th January, 1941.

## The King Edward VII Welsh National

MEMORIAL ASSOCIATION.

Applications are invited from registered medical practitioners (Male) for the under-mentioned appointments, including R practitioners within three months of qualification. If held by an R practitioner the appointments will be for a period of six months. Otherwise they will be for a period of one year:—

HOUSE PHYSICIAN (one vacancy), at the SOUTH WALES SANATORIUM, TALGARTH, BRECS. (286 Beds for male pulmonary cases.)

HOUSE PHYSICIAN (two vacancies), at the SULLY HOSPITAL, SULLY, GLAM. (300 Beds for the treatment of pulmonary tuberculosis), situate between Penarth and Barry).

Salary in each instance at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should reach the undersigned not later than Tuesday, January 7th, 1941.

D. A. POWELL, Principal Medical Officer.

Memorial Offices, Cathays Park, Cardiff, December 19th, 1940.

## Oldham Royal Infirmary.

(186 Beds.)

APPOINTMENT OF HOUSE PHYSICIAN and ASSISTANT CASUALTY OFFICER.

Applications are invited from Registered Medical Practitioners, Male and Female, for the combined post of House Physician and Assistant Casualty Officer (A), to become vacant on the 16th January including R Practitioners within three months of qualification. If held by an R Practitioner appointment will be for a period of six months.

Salary is at the rate of £175 per annum with full residential emoluments.

Applications, stating age, qualifications with dates and nationality, and accompanied by three copies of three recent testimonials, should be sent to the undersigned not later than the 10th January, 1941.

F. W. BARNETT, General Superintendent and Secretary.

## Derbyshire Royal Infirmary, Derby.

(General Hospital. 416 Beds.)

Applications are invited from registered medical practitioners (Male and Female) for the appointment of an EAR, NOSE, AND THROAT HOUSE SURGEON (A) vacant now, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Otherwise it will be for a period of twelve months.

Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

ARTHUR TAYLOR, Superintendent and Secretary.

## General Hospital, Nottingham.

(501 Beds.)

Applications are invited from registered Medical Practitioners (Male), including R Practitioners within three months of qualification, for the appointment of RESIDENT CASUALTY OFFICER (A) for the above Hospital—duties to commence early January, 1941. The appointment is for six months. Salary at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and copies of testimonials, should be sent to the undersigned.

HENRY M. STANLEY, House Governor and Secretary.

## Royal Salop Infirmary, Shrewsbury.

Applications are invited from fully qualified medical practitioners for the appointment of PATHOLOGIST.

The appointment is full time, and the Pathologist will be responsible for the Pathological, Bacteriological, and Chemical work required by the Royal Salop Infirmary, associated Hospitals and authorities in the district.

Salary £800 per annum, non-resident. In addition the Pathologist will be allowed to undertake private work under certain conditions.

Applications, accompanied by copies of recent testimonials, to be sent at once to the undersigned, from whom any further particulars required can be obtained.

J. W. NOBLE, Secretary-Superintendent.

Board Room, 23rd December, 1940.

## City of Birmingham.

MATERNITY AND CHILD WELFARE DEPARTMENT.

CANWELL HALL BABIES' HOSPITAL.

(84 Beds.)

A Woman RESIDENT MEDICAL OFFICER is required for a period of six months, duties to commence on February 8th, 1941.

Salary £250 per annum, with board and laundry.

Applications, endorsed "Resident Medical Officer" and accompanied by copies of three recent testimonials, to be made on a form obtainable from the Medical Officer of Health, Council House, Birmingham, 3, and returned to him on or before Friday, January 10th, 1941.

## Northumberland County Council.

HEXHAM EMERGENCY HOSPITAL.

APPOINTMENT OF HOUSE PHYSICIAN (A).

Applications are invited from registered medical practitioners (Male and Female) for the post of House Physician at the above-named Hospital (440 Beds). The duties are mainly in connexion with infants and children, and previous experience in diseases of children will be considered an advantage.

Salary will be at the rate of £200 per annum, with full residential emoluments or an allowance of £100 per annum until residential accommodation is available. The appointment will be for six months, but, except in the case of R practitioners within three months of qualification, who are invited to apply, will be renewable.

Full particulars can be obtained from the undersigned, to whom applications should be sent, stating age, qualifications, and nationality, and enclosing copies of three recent testimonials.

JOHN WALKER, County Medical Officer.

New Senior Council School, Morpeth, 24th December, 1940.

## Hospital of St. Cross, Rugby.

(150 average occupied Beds.)

APPOINTMENT OF RESIDENT MEDICAL OFFICERS (A).

Applications are invited from registered medical practitioners (Male) for the appointment of a Resident Medical Officer (A), now vacant; also Resident Medical Officer to commence duty February 1st, 1941, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months, otherwise it will be for a period of six months, at the end of which time applicants will be eligible for reappointment for a further six months. Salary at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

HARVEY RACE, F.C.I.S., F.H.O.A.,
Superintendent and Secretary.

## Northumberland County Council.

WOOLEY SANATORIUM, Near HEXHAM.

APPOINTMENT OF ASSISTANT MEDICAL OFFICER (A).

Applications are invited from registered medical practitioners (Male and Female), including R practitioners within three months of qualification, for appointment as Assistant Medical Officer at the above Sanatorium (180 Beds). The appointment will be for six months, and, except in the case of R practitioners, will be renewable.

The salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, accompanied by copies of two recent testimonials, should be sent to the undersigned not later than January 25th, 1941.

JOHN WALKER, County Medical Officer.

Public Health Department, New Senior School, Morpeth,
December 30th, 1940.

## City and County of Bristol.

DEPARTMENT OF PUBLIC HEALTH.

HAM GREEN HOSPITAL AND SANATORIUM.

APPOINTMENT OF ASSISTANT RESIDENT MEDICAL OFFICER (B1) (MALE OR FEMALE).

Applications are invited from registered medical practitioners for the appointment of an Assistant Resident Medical Officer. Applicants should have held house appointments. Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply. Salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent to the undersigned forthwith.

R. H. PARRY, Medical Officer of Health.

Department of Public Health, 40, Prince-street,
Bristol, 1, 23rd December, 1940.

## The King Edward VII Welsh National MEMORIAL ASSOCIATION.

Applications are invited from registered medical practitioners (Male) for the undermentioned appointment, including R practitioners within three months of qualification. If held by an R practitioner the appointment will be for a period of six months. Otherwise it will be for a period of one year.

HOUSE PHYSICIAN (A), at the NORTH WALES SANATORIUM, DENBIGH (247 Beds for pulmonary female patients, and surgical tuberculosis in men, women, and children—excluding 150 E.M.S. Beds for tuberculous Service and ex-Service men).

Salary at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should reach the undersigned not later than Wednesday, January 15th, 1941.

D. A. POWELL, Principal Medical Officer.

Memorial Offices, Cathays Park, Cardiff, December 28th, 1940.

## Bristol Royal Hospital,

incorporating
BRISTOL ROYAL INFIRMARY and BRISTOL GENERAL HOSPITAL.

Applications are invited for the following Resident appointments for the six months commencing March 1st, 1941:—

4 HOUSE PHYSICIANS.
1 HOUSE PHYSICIAN to the SKIN and RADIOLOGICAL DEPARTMENTS.
8 HOUSE SURGEONS.
2 HOUSE SURGEONS to the CASUALTY DEPARTMENTS.
2 HOUSE SURGEONS to the GYNÆCOLOGICAL DEPARTMENTS.
2 HOUSE SURGEONS to the E.N.T. DEPARTMENT.
1 HOUSE SURGEON to the OUT-PATIENT FRACTURE DEPARTMENT.
1 HOUSE SURGEON to the IN-PATIENT FRACTURE DEPARTMENT.

Salaries at the rate of £80 per annum, except in the case of the Casualty House Surgeons who will receive salaries at the rate of £150 per annum.

Candidates, who must be registered medical practitioners, to send in their applications (on forms to be obtained from the undersigned) which must be returned on or before January 23rd, 1941, together with copies of not more than three testimonials. The elected candidates must become members of a Medical Defence Association before taking up their appointment.

All the above are A posts with the exception of the Casualty House Surgeons, which are B2 posts.

R practitioners within three months of qualification may apply for the A posts and R practitioners holding A posts may apply for the B2 posts.

ELLIS C. SMITH, F.C.I.S., Secretary and House Governor.

Bristol Royal Infirmary.

## County Borough of Walsall.

MANOR HOSPITAL.

TEMPORARY ASSISTANT MEDICAL OFFICER (FEMALE) (B1).

Applications are invited from duly qualified medical Women for the appointment of Assistant Resident Medical Officer at the above Hospital, which contains 330 Beds and has a Teaching School Consultant Staff. Applicants should have held a hospital appointment and have had experience in general medicine.

Commencing salary £350 per annum, rising by annual increments of £25 to a maximum of £425 per annum, together with the usual residential allowances.

The appointment is for a maximum period of four years and is not a superannuable one unless held for a period exceeding two years.

The person appointed will be required to act under the general direction of the Medical Superintendent, from whom any further particulars of the appointment may be obtained.

Forms of application may be obtained from the undersigned and should be returned to me, accompanied by copies of not more than three recent testimonials, immediately.

JAMES, A. M. CLARK, Medical Officer of Health.

Health Department, Council House, Walsall,
26th December, 1940.

## Summersdale Emergency Hospital

(GRAYLINGWELL), CHICHESTER.

APPOINTMENT OF THREE HOUSEMEN.
(Medical or Surgical, A Posts.)

Applications are invited from registered medical practitioners for the appointment of Three Housemen (Medical or Surgical, A posts), including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Otherwise it will be for a period of six months in the first instance. Salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the MEDICAL SUPERINTENDENT as soon as possible.

## Three Counties Hospital (Mental),

ARLESEY, BEDS.

APPOINTMENT OF TEMPORARY ASSISTANT MEDICAL OFFICER (B1).

Applications are invited from registered medical practitioners for the appointment of Temporary Assistant Medical Officer. Suitably qualified practitioners holding B2 or B1 appointments are invited to apply. Salary eight guineas per week, with board, lodging, and laundry.

Applications, stating age, nationality, experience, &c., and accompanied by copies of three recent testimonials, to be sent to the MEDICAL SUPERINTENDENT.

## City of Lincoln.

ASSISTANT MEDICAL OFFICER OF HEALTH.

Applications are invited from Male registered medical practitioners, married or single, for the appointment of Assistant Medical Officer of Health, who will be required to act as Resident Medical Officer at the BURTON ROAD HOSPITAL. Salary £600–£25–£700, plus war bonus.

Further particulars and forms of application may be obtained from the Medical Officer of Health, City Health Department, Beaumont Fee, Lincoln, to whom applications should be returned not later than 13th January, 1941.

G. H. BANWELL, Town Clerk.

Town Clerk's Office, Saltergate, Lincoln.

## The Guest Hospital, Dudley.

(The Resident Staff consists of a Resident Surgical Officer and three House Surgeons.)

Applications are invited from registered medical practitioners, Male, for the appointment of CASUALTY HOUSE SURGEON (A), including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Salary at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

H. RAYMOND HURST, House Governor and Secretary.

28th December, 1940.

## The Guest Hospital, Dudley.

(The Resident Staff consists of a Resident Surgical Officer and three House Surgeons.)

Applications are invited from registered medical practitioners, Male, for the appointment of a HOUSE SURGEON (A) now vacant, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Salary at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned forthwith.

H. RAYMOND HURST, House Governor and Secretary.

28th December, 1940.

## County Council of Dumfries.

DEPUTE COUNTY MEDICAL OFFICER.

The Council invite applications from registered medical practitioners (Male), not over forty years of age, who possess a Diploma in Public Health, for the appointment of Depute County Medical Officer for the County of Dumfries. Experience of Scottish public health administration and in dealing with tuberculosis and venereal diseases will receive special consideration.

The officer will require to devote his whole time to the duties. The salary will be £750, rising by annual increments of £25 to £1000 per annum, but the Council may fix a higher commencing salary than that scale if they consider the qualifications and experience of the successful applicant so warrant. All necessary travelling expenses will be allowed. The appointment will be subject to the Local Government Superannuation (Scotland) Act, 1937. Canvassing, direct or indirect, will disqualify.

Further information and forms of application may be obtained from the undersigned, with whom applications (on the prescribed form) must be lodged prior to NOON of Tuesday, 14th January, 1941.

JOHN ROBSON, County Clerk.

County Buildings, Dumfries, 26th December, 1940.

## The Royal Hospital, Sheffield, 1.

(Teaching Hospital, 422 Beds.)

APPOINTMENT OF RESIDENT SURGICAL OFFICER (B1).

Applications are invited from registered medical practitioners for the appointment of Resident Surgical Officer, now vacant. Applicants should have held house appointments and had surgical experience. Preference will be given to candidates holding diploma of F.R.C.S. Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply. Salary is at the rate of £200 per annum.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent to—

W. H. BOOTH, Superintendent.

## Plymouth Education Committee.

Applications are invited from registered medical practitioners (Man or Woman) for appointment as TEMPORARY ASSISTANT SCHOOL MEDICAL OFFICER which (subject to satisfactory service) will probably be for the duration of the war.

The salary will be at the rate of £500 per annum.

Forms of application (returnable by Tuesday, January 14th, 1941) and conditions of service will be sent on receipt of a stamped addressed envelope.

W. ALFRED CLEGG, Secretary for Education.

Education Offices, Cobourg-street, Plymouth.

## Cheltenham Emergency Hospital.

APPOINTMENT OF A HOUSE SURGEON (A).

Applications are invited by the Gloucestershire County Council from registered medical practitioners, male and female, for the appointment of a House Surgeon (A), to become vacant immediately, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Otherwise it will be for a period of one year. Salary is at the rate of £200 per annum, together with £100 per annum in lieu of board and lodging.

Applications, stating age, qualifications with dates and nationality, and accompanied by copies of three recent testimonials, should be sent to the County Medical Officer of Health, Langham House, Berkeley-street, Gloucester, not later than 15th January, 1941.

RICHARD L. MOON, Clerk of the County Council.

## High Wycombe and District Memorial

HOSPITAL. (90 Beds.)

RESIDENT MEDICAL OFFICER.

Applications are invited from registered medical practitioners, for the appointment of Resident Medical Officer (B2) at the above hospital. Salary at the rate of £200 per annum plus residence and board. R practitioners holding A posts may apply, when appointment will be limited to six months.

Applications, marked "R.M.O.," stating age, qualifications, experience, and nationality, together with copies of three recent testimonials, to the undersigned.

P. C. RAFFETY, Hon. Secretary.

## The Royal Liverpool United Hospital.

Applications are invited from registered medical practitioners, Male and Female, including R practitioners who now hold A posts, for the appointments of CASUALTY OFFICERS (B2) at the DAVID LEWIS NORTHERN HOSPITAL, ROYAL SOUTHERN HOSPITAL, and LIVERPOOL STANLEY HOSPITAL, branches of The Royal Liverpool United Hospital. If held by R practitioners the appointments will be limited to six months, commencing 1st January, 1941.

Salaries are at the following rates:—

Northern Hospital: £85 per annum, with board and residence.

Southern and Stanley Hospitals: £100 per annum, with board and residence, or £120 per annum, with board and residence, where a previous resident post has been held.

In the case of the Casualty Officers at the Northern Hospital and the Senior Casualty Officer at the Southern Hospital, some additional salary is available from the Local Authority for the supervision of the First Aid posts.

Applications, stating age, qualifications with dates, nationality, and present post, should be sent to the undersigned not later than Monday, 13th January, 1941. Testimonials are not required from students of the Liverpool Medical School.

A. V. J. HINDS, Secretary.

The Royal Liverpool United Hospital, 641, India Buildings, Liverpool, 2, 4th January, 1941.

## The Royal Infirmary, Sunderland.

Applications are invited from Male registered medical practitioners, including R practitioners within three months of qualification, for the appointment of HOUSE SURGEON (A).

The appointment will be limited to six months.

The salary is at the rate of £120 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned at the earliest possible date.

M. J. HUNTLEY, House Governor and Secretary.

## The Chester Royal Infirmary.

(Normal Capacity 225 Beds.)

Applications are invited from registered Medical Practitioners for the appointment of a NON-RESIDENT ORTHOPÆDIC REGISTRAR (B1) to take up duty on 1st February, 1941.

Applicants should have held house appointments and had experience in Orthopædics. Preference will be given to candidates holding diploma of F.R.C.S.

Suitably qualified R Practitioners holding B2 or B1 appointments are invited to apply. Salary is at the rate of £350 per annum, with lunch and tea, and certain other professional emoluments.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than the 16th January, from whom copy of the rules of the appointment may be obtained.

W. H. GRACE, Hon. Secretary, Medical Committee.

## Lincoln County Hospital.

Applications are invited from registered Medical Practitioners, Male, unmarried, including R Practitioners within three months of qualification, for the appointment of JUNIOR HOUSE SURGEON (A). The appointment is for six months. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, nationality, medical school and qualifications with dates, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

ARTHUR MOORE, Secretary-Superintendent.

Lincoln, 30th December, 1940.

## County Council Hospital, Hereford,

AND HUTMENTS ANNEXE, HEREFORD.

Applications are invited from registered medical practitioners for the appointment of ASSISTANT MEDICAL OFFICER (B1) at the above Hospital. Applicants should have held house appointments and had surgical experience. Preference will be given to candidates holding the Diploma of F.R.C.S. Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply. Salary is at the rate of £350 per annum, plus £100 in lieu of board-residence until such is available.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent to Dr. W. OGILVY REID, Medical Superintendent, not later than Friday, 10th January, 1941.

## Nottingham City Hospital.

APPOINTMENT OF RESIDENT MEDICAL OFFICER (B1).

Applications are invited from registered medical practitioners for the appointment of Resident Medical Officer to become vacant forthwith.

Applicants should have held house appointments and have had previous medical experience in hospital.

Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply.

Salary £350, rising by £25 per annum to £450, together with board, residence, and laundry.

The post is superannuable and the successful candidate must pass satisfactorily a medical examination.

Application forms can be obtained from me and should be returned, together with copies of three recent testimonials, as soon as possible.

J. E. RICHARDS, Town Clerk.

The Guildhall, Nottingham, December, 1940.

## Taunton and Somerset Hospital,

TAUNTON.

HOUSE SURGEON (A).

Applications are invited from registered Medical Practitioners, Male and Female, for the appointment of a House Surgeon (A). R Practitioners within three months of qualification may apply, when appointment will be limited to six months. Salary at rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of testimonials, to be sent to F. J. J. STACEY, Secretary.

## Royal Berkshire Hospital, Reading.

Applications are invited from registered medical practitioners (Male) for the following A appointments which fall vacant on the dates stated :—

HOUSE SURGEON—24th January, 1941.

HOUSE SURGEON to the SPECIAL DEPARTMENTS (Eye, Ear, Nose, and Throat)—11th February, 1941.

HOUSE PHYSICIAN—6th February, 1941.

RESIDENT MEDICAL OFFICER at the BLAGRAVE BRANCH HOSPITAL and Assistant to the Pathologist—31st January, 1941.

Including R practitioners within three months of qualification. The appointments are all for six months.

Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

H. E. RYAN, Secretary and House Governor.

## Bootle General Hospital, Linacre Lane,

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HOUSE SURGEON TO SPECIALS DEPARTMENT.

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Appointments are for a period of six months from 1st January, 1941, and salary at the rate of £150 per annum, with full residential emoluments.

Application, stating age, qualifications with details, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

A. J. COOPER, Secretary-Superintendent.

## Derbyshire Royal Infirmary, Derby.

(GENERAL HOSPITAL. 416 Beds.)

Applications are invited from registered Medical Practitioners, Male and Female, for the appointment of a RESIDENT ANÆSTHETIST (A) now vacant, including R Practitioners within three months of qualification. If held by an R Practitioner, appointment will be limited to six months. Otherwise it will be for a period of twelve months.

Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications, with dates and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

ARTHUR TAYLOR, Superintendent and Secretary.

## Mansfield and District General

HOSPITAL.

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Applications are invited from registered Medical Male Practitioners, including R Practitioners within three months of qualification, for the appointment of a HOUSE PHYSICIAN (A). The post also includes some Surgical, Casualty Department, and Anæsthetic duties. Duties to commence as soon as possible. If held by an R Practitioner the appointment will be limited to six months.

Salary at the rate of £159 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by three copies of recent testimonials, should be sent to the undersigned forthwith.

A. ASHWORTH, Secretary.

## County Borough of Smethwick.

ST. CHAD'S HOSPITAL.

HOUSE PHYSICIAN AND ANÆSTHETIST (A Post).

Applications are invited from registered medical practitioners, Male and Female, for the appointment of House Physician and Anæsthetist at the Council's Municipal Hospital, including R practitioners within three months of qualification. The salary attaching to such appointment will be at the rate of £150 per annum, with the usual emoluments. If held by an R practitioner the appointment will be limited to six months; otherwise it may be renewed for a further period of six months, at the rate of £200 per annum.

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Forms of application may be obtained from the Medical Superintendent, St. Chad's Hospital, Hagley-road, Birmingham, 16, to whom applications, endorsed "House Physician and Anæsthetist," and accompanied by copies of three recent testimonials, must be delivered not later than 4th January, 1941.

Canvassing, directly or indirectly, will disqualify.

FRANK CHAPMAN, Town Clerk.

Council House, Smethwick, 16th December, 1940.

## The Bolton Royal Infirmary.

(327 Beds, including Two Auxiliary Hospitals.)

Applications are invited from registered medical practitioners for appointments as HOUSE SURGEONS (A), including R practitioners within three months of qualification. One post is mainly in charge of Gynæcological and Ear, Nose and Throat Departments. Salary £150 per annum, with board, residence, and laundry.

Applications, stating age, nationality, and experience, together with copies of testimonials, to be forwarded to the undersigned not later than Saturday, December 28th, 1940.

H. AUBREY FROGGATT, Superintendent-Secretary.

## Doncaster Royal Infirmary.

Applications are invited from registered Medical Practitioners, including R Practitioners within three months of qualification, for a HOUSE PHYSICIAN (Male) (A) with care of eye patients required immediately.

The appointment is for six months.

Salary at the rate of £175 per annum, with residence, board, and laundry.

This large industrial area offers excellent opportunities for gaining experience.

Applications, accompanied by not more than three testimonials, to be sent to the undersigned immediately.

R. LANCASTER, Secretary-Superintendent.

## Bedford County Hospital.

Applications are invited from registered Medical Practitioners Male and Female, for the appointment of a CASUALTY OFFICER (A), to become vacant on 1st January, including R Practitioners within three months of qualification. Appointment for a period of six months. Salary £150 per annum, with full residential emoluments.

Application, stating age, qualifications with dates, and nationality, together with three recent testimonials, to be sent to the Secretary, Hon. Medical Staff Committee, as soon as possible.

## Herefordshire General Hospital,

HEREFORD. (152 Beds.)

Immediate applications are invited from registered Medical Practitioners (Male) for the appointment of a HOUSE SURGEON (A) in charge of CASUALTY and EAR, NOSE, AND THROAT DEPARTMENTS, including R Practitioners within three months of qualification. The appointment will be limited to six months.

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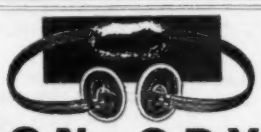

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## A DEPENDABLE SOURCE OF *instantly available nourishment*

The widespread use of Lucozade as a food beverage is due to its proven value in actual clinical practice. Its success is attributable not only to its intrinsic value as a source of immediately available carbohydrate, but also to its pleasing appearance and refreshing taste which patients, young and old alike, find so attractively different from the ordinary preparation of glucose.

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**TONIC FOOD BEVERAGE**

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In every war for hundreds of years cod-liver oil has given decisive help in correcting the aftermath of malnutrition and disease. To-day the need is greater than ever and the old difficulties of administration have been eliminated. "SevenSeaS" is pleasant to take.

Modern British technical efficiency has produced, in "SevenSeaS," an undamaged, sea-fresh, pure cod-liver oil of the highest quality. "SevenSeaS" is not only pleasant to take, it is also an unusually rich source of Vitamins A and D. The medical profession may therefore prescribe "SevenSeaS" with confidence as, by the foresight of British Cod Liver Oil Producers, adequate supplies are available.

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contains sterile vaccine filtrates (antivirus) of all the common strains of **STAPHYLOCOCCI, STREPTOCOCCI and B. PYOCYANEUS** in a lanoline-zinc-ichthyol base

**STOPS SEPTIC DEVELOPMENT WHILST HEALING**

**SPECIFIC AGAINST** the micro-organisms causing abscesses, boils, eczema, dermatitis, erysipelas, hæmorrhoids, impetigo, ulcers and all inflammatory cutaneous affections. **ANTIPEOL LIQUID** for infections of the ear, septic cavities and suppurating wounds

## ★ OPHTHALMO-ANTIPEOL

contains, in a semi-fluid base, the sterile vaccine filtrates of **STAPHYLOCOCCI, STREPTOCOCCI, B. PYOCYANEUS, PNEUMOCOCCI FRAENKEL AND GONOCOCCI**

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a nasal immunising cream, contains Antipeol Liquid as well as the antivirus and autolysins of **PNEUMOCOCCI, PNEUMO-BACILLI, ENTEROCOCCI, H. CATARRHALIS, B. PFEIFFER,** and calmative and decongestive ingredients

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polyvalent bacteriophages specific against 132 strains of micro-organisms common to infections of the gastro-intestinal tract, kidneys and bladder. **RAPIDLY EFFECTIVE RESULTS** in enteritis, dysentery, colitis, diarrhœas, B. coli infections, typhoid and para-typhoid fevers, and other intestinal and para-intestinal infections. Oral administration. No reactions. No shock

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Today, as for years, Ergoapiol (Smith) is the accepted medicament in combating those menstrual anomalies which may be traced to constitutional disturbances; atonicity of the reproductive organs; inflammatory conditions of the uterus or its appendages; mental emotion or exposure to the elements.

The physician readily can ascertain whether his prescription for Ergoapiol (Smith) has been correctly filled by dividing the capsule at the seam, thus revealing the initials M.H.S. embossed on the *Inner* surface, as shown in photographic enlargement.

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"Theophylline-ethylenediamine stimulates failing respiration and is particularly effective in changing periodic breathing to a normal rhythm."

*(Clark: Applied Pharmacology, p.265. 1940)*

"These studies show that the improvement in dyspnoea and the conversion of periodic breathing to a regular rhythm in cardiac failure are related to the decline in intrathecal and venous pressures produced by the intravenous administration of theophylline with ethylenediamine."

*(Year Book of General Therapeutics, 394.1938—Greene, Paul and Feller. From J. Am. Med. Assoc., 1712.1937)*

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VASODILATOR, DIURETIC, STIMULANT OF THE RESPIRATORY CENTRE

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COMPOUND SYRUP OF HYPOPHOSPHITES

**helps to overcome the devitalizing effects of respiratory infections, pregnancy, dietary deficiencies; and it is an excellent appetite stimulant. This dependable, bitter, and reconstructive Tonic contains valuable mineral salts; and it has been prescribed by doctors the world over for more than 60 years.**

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Treat Broncho-Pulmonary disorders with

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## COMPOUND

Prescribe for Coughs, Colds and Prophylaxis

**An organic combination of GUAIACOL : CODEINE DI-PHOSPHORIC ACID which provides**

Pulmonary antisepsis and increased phagocytic power of Leucocytes.

Liquefaction and elimination of the alveolar exudate and bronchial secretions.

Control of exaggerated and harmful coughing.

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Pulmo-Bailly gives, in practice, clinical results in full accord with pharmacodynamic aims in the treatment of affections of the Lungs, Bronchi, Larynx and Trachea. (*In Adults and Children.*)

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| Fat | 27.3 | 3.4 |
| Protein | 26.6 | 3.3 |
| Lactose | 37.6 | 4.7 |
| Mineral Salts | 16.0 | 0.7 |
| Moisture | 2.5 | 87.9 |
| | 100.0 | 100.0 |
| Calorific value per oz. | 147 | 18.4 |

Vitamin D content per pint 250 International Units

**COUPON**

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Please send me, post free, literature and clinical samples of Cow & Gate Milk Food.

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It contains no irritant cathartic drug and is not habit forming.
It assists in establishing a regular daily motion.

'Petrolagar' contains over 65% (by volume) pure medicinal paraffin emulsified with agar-agar. It may be prescribed with confidence in all systemic cases.

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*Colloidal Hydroxide of Aluminium*

## Effective in Nervous Dyspepsia

WHATEVER be the fundamental cause of nervous dyspepsia, it is acknowledged that alleviation of the gastric symptoms is an important part of effective treatment.

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M283

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# Guard against Head Colds

The risks of infection are greatly increased by crowding in air-raid shelters and by undue exposure. 'Benzedrine' Brand Inhaler has proved its value in arresting the development of colds and in preventing the onset of more serious complications. The vapour, diffusing throughout the upper respiratory tract, reaches and relieves congestion wherever it is present.

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The Original
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**PROMOTES NASAL COMFORT**

FOR CHILDREN AND ADULTS.

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in physicke mallowes haue much reputation
the very name of mallow seemes to sound.
the roote thereof will giue a kind purgation
by them both men and women good haue found

The demulcent action of mallow as an intestinal corrective finds its modern counterpart in Agarol brand Compound, the original mineral oil and agar-agar emulsion with phenolphthalein. With firm gentleness, Agarol accomplishes its purpose of easy, painless evacuation closely resembling the normal function.
Safe and convenient to use under all conditions, Agarol not only lubricates the intestinal tract and softens its contents, but gently stimulates the colon to renewed activity.

"The decoction used in clysters is good against the roughness and fretting of the guts, bladder and fundament. The roots of the Veruaine-mallow do heale the bloody flix and inward burstings, being drunke with wine and water, as Dioscorides and Paulus Aegineta testifie." So extols Gerarde the virtues of mallow in his herbal of 1636.

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AGAROL for constipation

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The accentuated need for high vitamin protection is soundly met by a routine of Ostomalt. An agreeable, convenient and concentrated tonic food, Ostomalt provides the protective and formative elements of the four vitamins, A, B complex, C and D, with calcium glycerophosphate, combined in a highly nutritive malt base. Patients, especially children, readily accept Ostomalt for its attractive flavour, and may be interested in a homely comparison of thevitamin value of Ostomalt. Thus one teaspoonful of Ostomalt gives the vitamin A of two eggs; the vitamin C of a teaspoonful of orange juice; the vitamin D of 5 pints of summer milk; the vitamin B of two slices of brown bread; plus the energy value of a teaspoonful of fine malt.

As a prophylactic precaution, or as a routine in convalescence, Ostomalt is widely prescribed to restore and maintain a healthy robust condition.

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PRODUCT OF THE GLAXO LABORATORIES

½ lb. jars (40 doses)
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7 lb. jars (560 doses)

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*Diodone*

## FOR EXCRETION PYELOGRAPHY

PYLUMBRIN is a stable sterile 35 per cent. solution of the diethanolamine salt of 3:5-di-iodo-4-pyridone-N-acetic acid for excretion pyelography. Clinical results have shown that Pylumbrin gives excellent contrast shadows of the kidney and ureters. The adult dose is 20 c.c. by intravenous injection.

| AMPOULES of 20 c.c. | | AMPOULES of 3 c.c. | |
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| Single ampoule | 10/6 | Single ampoule | 2/6 |
| Box of 6 ampoules | 63/- | Box of 3 ampoules | 7/6 |
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*Literature sent upon request*

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# In Gastro-Intestinal Disorders

Allenburys

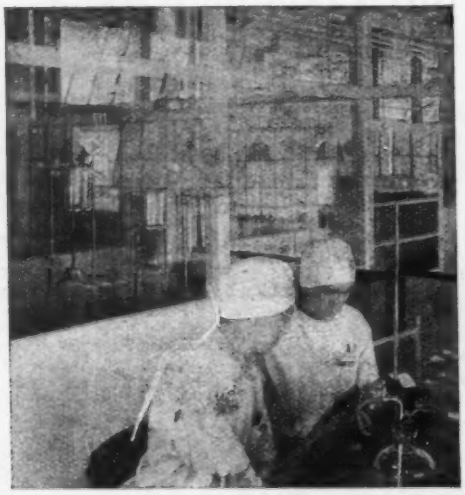
**BEEF JUICE**

In such conditions it is a primary consideration that the food should be light and unirritating. In gastric and duodenal ulceration and in the dyspepsias, Allenburys Beef Juice may safely and advantageously be given, where beef tea would often increase the pain and have a harmful effect. Because of its high protein and vitamin content, it provides a valuable means of keeping up a patient's strength.

**In bottles at 2/- and 3/6 each.**

ALLEN & HANBURYS LTD., London, E. 2

## WHOOPING COUGH VACCINE B.D.H.



Extensive clinical trials indicate that satisfactory prophylaxis against whooping cough can be obtained by the use of a properly-prepared vaccine.

As with all vaccines its use cannot be regarded as providing complete immunity in every case; nevertheless, if the condition should occur in a vaccinated person the severity is considerably decreased.

Whooping Cough Vaccine B.D.H. is issued in one concentration of 10,000 million organisms in each c.c. The most satisfactory scheme of inoculation has been found to be the injection of 1 c.c., 1.5 c.c., 1.5 c.c. and 3 c.c. at weekly intervals.

*Literature on request*

THE BRITISH DRUG HOUSES LTD.
LONDON N.1

V8/E/32

# MARMITE

*as an aid to the*

## PREVENTION of INFECTION

This winter it is imperative to safeguard the population against disease; the nation cannot afford avoidable sickness and yet there is far more danger of infection than in normal times. As stated in the medical press (*Brit. Med. J.*, Dec. 21st, 1940, p. 874) we are concerned with "the health of whole communities now gravely menaced—a menace the graver because the epidemic months of January and February are upon us." This danger can be reduced considerably by keeping the level of nutrition as high as possible.

Experts stress the special need for the regular inclusion in the diet of vitamin-containing foods, since such foods have definite protective value. Marmite is ordered widely as a source of the vitamin B complex, its particular use in preventive medicine being well appreciated by members of the medical profession.

For sample and literature apply to:

**THE MARMITE FOOD EXTRACT CO. LTD. - 35, Seething Lane - LONDON, E.C.3**

Jars: 1-oz. 6d., 2-oz. 10d., 4-oz. 1s. 6d., 8-oz. 2s. 6d., 16-oz. 4s. 6d. Special terms for packs for hospitals and welfare centres.

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Complete Replacement Therapy

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# MENOPAUSAL DISORDERS

The two essential constituents for the oral treatment of menopausal disorders are presented in 'Ovendosyn' Brand Tablets, each of which contains 0·5 mg. stilbœstrol and 227 mg. calcium phosphate. The preparation, therefore, is capable of bringing about all the beneficial effects of the new synthetic œstrogenic analogue and has the additional advantage of supplying a mineral element that is of the greatest importance, especially during the climacteric.

The administration of a readily assimilable form of calcium in conjunction with stilbœstrol not only improves the general health but

**minimises any tendency to nausea**

that may be attributed to stilbœstrol given by itself. In selected cases of dysmenorrhœa, amenorrhœa, and infantilism, 'Ovendosyn' is also the drug of election. It has proved extremely helpful to women over forty when undergoing abnormal mental or physical strain.

# 'OVENDOSYN' BRAND TABLETS

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# As a prophylactic gargle...

*—it is essential to choose an antiseptic which is not only of proven bactericidal value but is also free from irritant and toxic properties.*

*Controlled laboratory tests and subsequent clinical use have shown without doubt that the high activity of T.C.P. is not inhibited in the presence of mucus, saliva or pus and that it is free from harmful effects upon even delicate body cells. T.C.P. has been used over a period of years in hospitals and by doctors, and this experience has clearly demonstrated that it is non-irritant, non-caustic and completely safe.*

*It is in the presence of bacteria that T.C.P. exerts its full action — exactly where required.*

*T.C.P. is thus the outstanding antiseptic for routine use as a prophylactic gargle and spray. Such measures are well recognised as being of major importance at the present time and T.C.P. can be confidently prescribed and used in all circumstances.*

A clinical sample of T.C.P. will be sent to any Physician, on request to BRITISH ALKALOIDS LTD., 69, OLD BROAD STREET, LONDON, E.C.2.

# ...for routine use...T.C.P *Regd.*

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**In this condition the adequate administration of this Company's preparations of the prostate gland, either desiccated in capsules ("Opocaps") for oral administration, or in solution in ampoules ("Opojex") for hypodermic injection, continues to give excellent results.**

**Extract from Letter.**

"I have been treating certain cases of prostatic enlargement for some time with 'Opocaps' Prostatic with considerable success. I have also derived great benefit myself."

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℞ **"OPOCAPS" (No. 21) PROSTATIC (B.O.C.) gr. 3 (Oral)**

Mitte - sig. 1 t.d.s., a.c. Supplied in boxes of 50 or 100 capsules.

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Mitte - sig. 1 in die (or dieb. alt. when given concurrently with "Opocaps"). Supplied in boxes of 6 or 12 ampoules 2 c.c.

*Particulars of all Preparations supplied on request*

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# GENTIAN VIOLET JELLY

with

TRADE MARK **'MERTHIOLATE'** BRAND

SODIUM ETHYL MERCURITHIOSALICYLATE

# FOR THE TREATMENT OF BURNS

This Jelly, containing one per cent. Gentian Violet, provides a convenient method for applying the dye to burned areas. Particularly adapted for use in burns about the face and hands, areas where the skin is thin, and in body flexures. The addition of 'Merthiolate,' which is an excellent general germicide with a low toxicity for tissues, enhances the value of the product and further lessens the possibility of infection.

Supplied in one-ounce and five-ounce collapsible tubes.

*References:* Lancet, *November 16th, page 621.* B.M.J. *November 16th, page 679.*

ELI LILLY AND COMPANY LIMITED
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# S.U.P. 36

Clinical use over a long period has established that the early administration of S.U.P. 36 will frequently abort a cold. When administered later it considerably diminishes the virulence of the infection and effects an appreciable reduction of its duration. This action of S.U.P. 36 renders it of particular value also in influenza. Although the infection may be well established, the administration of S.U.P. 36 will be followed by a reduction in its virulence and duration and, further, a marked reduction in the incidence, and degree, of complications.

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Sup 36/E/59

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Your patients may be daily buying symbolic pigs in hypothetical pokes. In your desire to save their pockets you may be prescribing a product that is offered as "just as good and cheaper than Veganin."

Veganin has no substitute in quality; it is the achievement of long experimentation. The demand was for an analgesic assuring safety with prompt efficacy; one which the physician could prescribe with that absolute confidence he gives only to a standard product which never varies in character or quality.

Veganin stands unique as an analgesic, sedative and antipyretic bearing a brand name which is pledged to the maintenance of the highest standards of uniform production.

Supplied in tubes of 10 and 20 tablets; also in quantities of 100, 500 and 1,000 tablets for dispensing.

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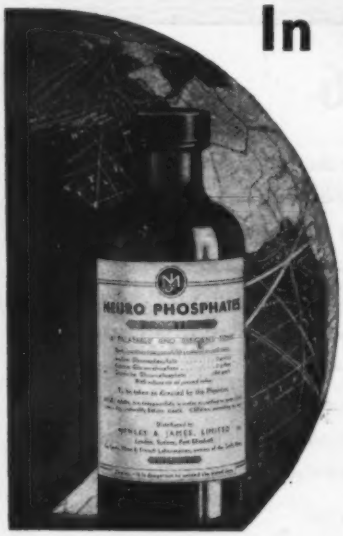


# In Nervous Strain and Over-fatigue

Neuro Phosphates is a valuable aid to the resolution which enables workers to carry on in spite of strain and over-fatigue. It has a world-wide reputation as a reconstructive tonic for combating impaired vitality, nervous exhaustion, and general debility resulting from prolonged physical and mental strain.

Each adult dose (two teaspoonfuls) contains in acid state:
Sodium Glycerophosphate .....2 grs.
Calcium Glycerophosphate.....2 grs.
Strychnine Glycerophosphate.....1/32 gr.

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(ESKAY BRAND)

THE 'GREEN' TONIC

PALATABLE RAPID IN ACTION EFFICIENT

MENLEY & JAMES LTD.,
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At all times some degree of vitamin deficiency is certain if dietary sources alone are relied upon for the vitamin intake, but, under present conditions, at least one, and probably all, of the following factors will tend to intensify vitamin deficiencies :—

1 Restriction of supplies of butter, cream, meat and *Citrus* fruits
2 Increased demands imposed by mental, emotional and physical stress and exertion
3 Impaired absorption as a result of alimentary irregularities

For correcting these intensified vitamin deficiencies Multivite is the ideal product ; it is concentrated, stable, compact, palatable and, therefore, suitable for young children, adults, the aged and convalescents alike.

Each tin of 50 Multivite Pellets contains the equivalent of Vitamin A in 5 lb. of butter, Vitamin $B_1$ in 5 lb. of wholemeal bread, Vitamin C in 20 oranges and Vitamin D in 50 pints of cream.

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Mlvt/E/425b

## In Pruritus Ani,[1] Anal Fissure,[1] Pruritus Vulvæ,[1] and Lower Abdominal Pains originating from the Cervix Uteri[2]

Proctocaine is a lasting, non-toxic, local anæsthetic, for use in irritating or painful conditions of the skin and subcutaneous tissues. It is an improved form of A.B.A. Proctocaine is a combination of oil-soluble anæsthetics of low toxicity. These are combined so as to produce *immediate local anæsthesia* which is maintained by the slow, uniform absorption of its oily vehicle, and action of its oil-soluble ingredients.

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1. Its effect is almost certain.
2. It produces anæsthesia or hypo-anæsthesia for periods varying from 7 to 28 days or longer.
3. The relaxation which it produces in the anal musculature is much greater and more prolonged.
4. It is comparatively non-toxic, injection of 20 to 30 c.cm. producing no general effect.
5. Even large quantities of it at one sitting have not been found to produce any local reaction if injected properly.
6. Its injection is painless if made slowly.
7. In no case did it produce severe after-pain.

[1] *British Medical Journal*, 1935, November 16th, p. 938.
[2] *British Medical Journal*, 1938, January 15th, p. 105.

In 2 c.cm. ampoules : boxes of 6, 4/6 ; and 12, 8/6.
„ 5 c.cm. „ „ „ 6, 8/6.
„ 10 c.cm. „ „ „ 3, 8/6.

*Plus Purchase Tax.*

# PROCTOCAINE
## Injection Solution
LOCAL ANÆSTHETIC—ANALGESIC

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GLANOID

# ANTI-MENORRHAGIC FACTOR "GLANULES"

AMPLE SUPPLIES ARE NOW AVAILABLE OF THIS NEWLY DEMONSTRATED ACTIVE FRACTION OF MAMMALIAN LIVER.

CLINICAL RESEARCH HAS REVEALED THAT THE OUTSTANDING ACTION OF THIS FRACTION IS THAT OF CHECKING THE FUNCTIONAL UTERINE HÆMORRHAGE OF MENORRHAGIA AND METRORRHAGIA.

SUPPLIED IN BOTTLES OF 25, 50, & 100 "GLANULES"

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# The uses of Wide 'Cellona' in the closed-plaster technique

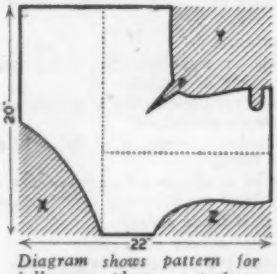


*Diagram shows pattern for full arm plaster cut from 24" wide 'Cellona.'*

*Completed full arm plaster.*

The introduction of wide 'Cellona' in 18", 24" and 36" widths has provided an excellent medium for preparing plaster casts for the 'closed' treatment of fractures.

The technique of preparation and application of Forearm, Full Arm, Shoulder Spica, Below Knee, Mid-Thigh and Hip-Spica Plasters is described and illustrated with diagrams and photographs in a 15-page brochure. This is available to Surgeons interested in plaster technique, and a copy will be forwarded free on application to—

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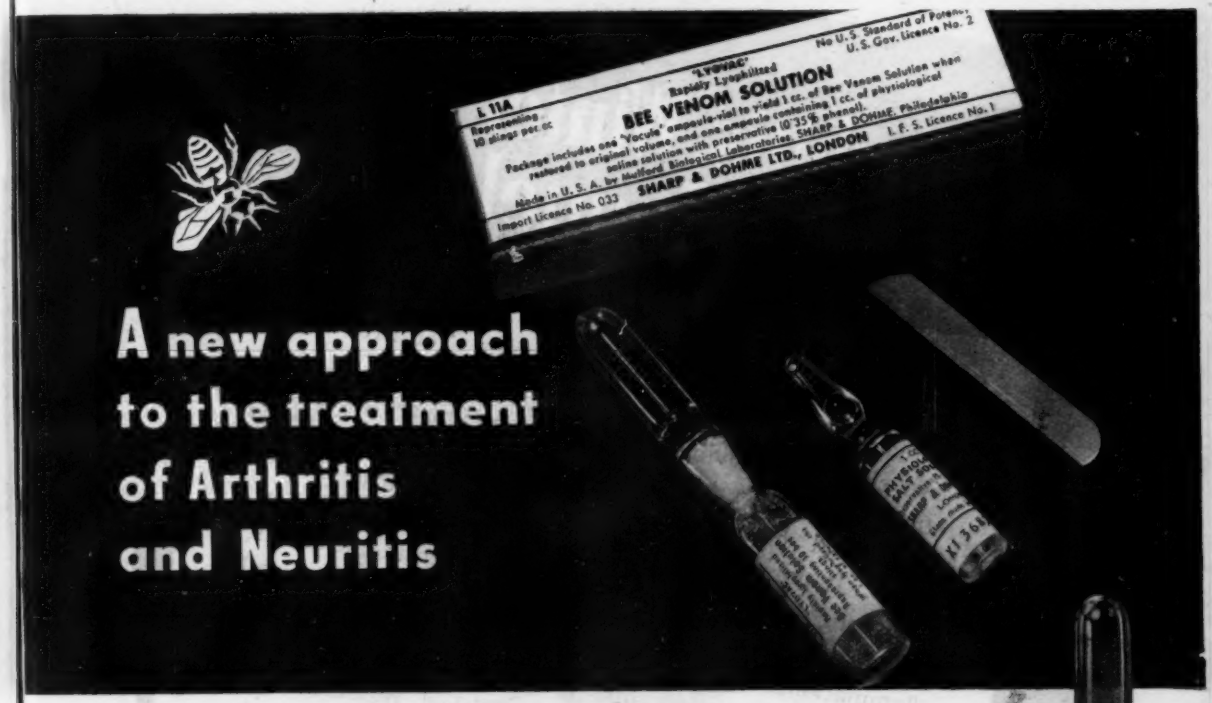


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SINCE the early days of history, bee venom has frequently been referred to in medical literature for its value in the treatment of arthritis and neuritis. The factors which kept it from widespread use have now been overcome in 'Lyovac' Bee Venom Solution, which supplies standardized bee venom in a stable form which retains its potency for many years.

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**Mulford 'Lyovac' Bee Venom Solution is packaged under the new lyophile process by which the original therapeutic value of freshly prepared biological substances at the time of their highest potency is retained for many years.**

Mulford 'Lyovac' Bee Venom Solution represents the whole venom of ten bee stings. After candle filtration, for sterility, the solution is rapidly frozen and rapidly dehydrated under high vacuum. It is preserved under vacuum in the specially devised 'Vacule' flame-sealed ampoule-vial.

## SHARP & DOHME LTD

*Mulford Biological Laboratories*
HODDESDON, HERTS.

*Detailed information on the use of this product, the dosage schedule and method of application will be sent on request.*

1. South. Med. & Surg., 100:555, Nov., '38
2. Nebraska M. J., 24:298, Aug., '39

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ON PUBLIC HEALTH?

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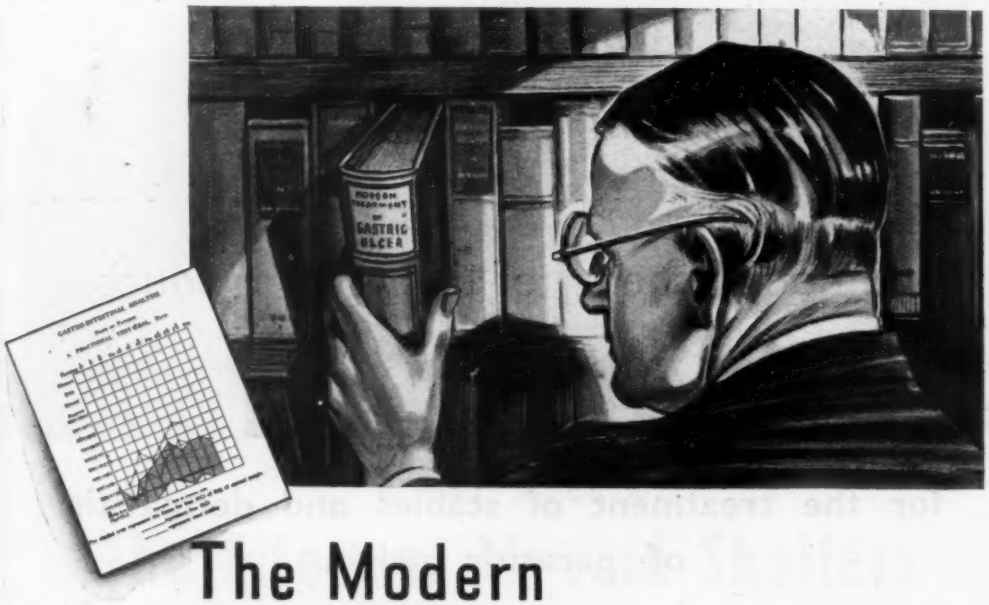


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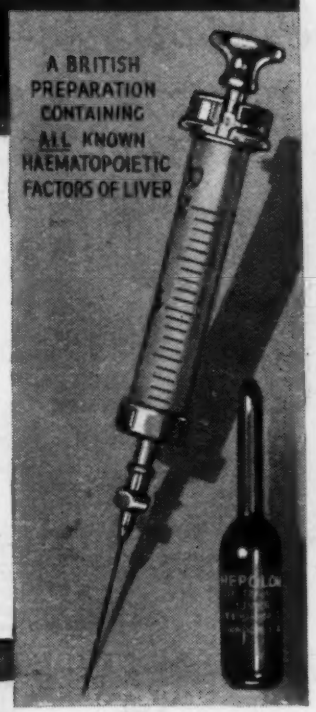


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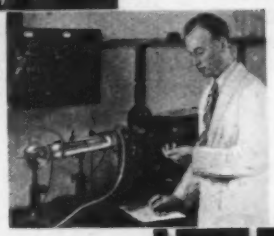

*To supplement the biological test for vitamin A in 'Nadola' the spectrophotometer is used.*

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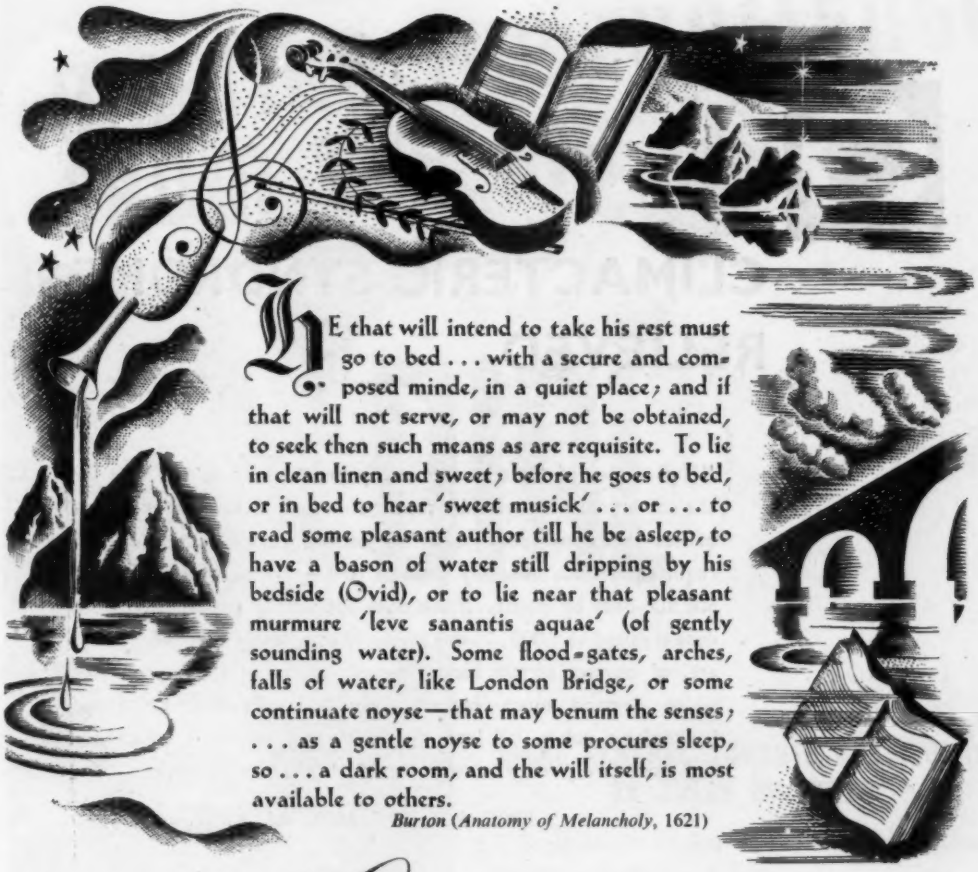

HE that will intend to take his rest must go to bed . . . with a secure and composed minde, in a quiet place; and if that will not serve, or may not be obtained, to seek then such means as are requisite. To lie in clean linen and sweet; before he goes to bed, or in bed to hear 'sweet musick' . . . or . . . to read some pleasant author till he be asleep, to have a bason of water still dripping by his bedside (Ovid), or to lie near that pleasant murmure 'leve sanantis aquae' (of gently sounding water). Some flood-gates, arches, falls of water, like London Bridge, or some continuate noyse—that may benum the senses; . . . as a gentle noyse to some procures sleep, so . . . a dark room, and the will itself, is most available to others.

*Burton* (*Anatomy of Melancholy*, 1621)

. . . *but Sleep*

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*PROC. ROY. SOC. MED. Vol. XXIX. Page 1094*

# MENFORMON TABLETS

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*with*

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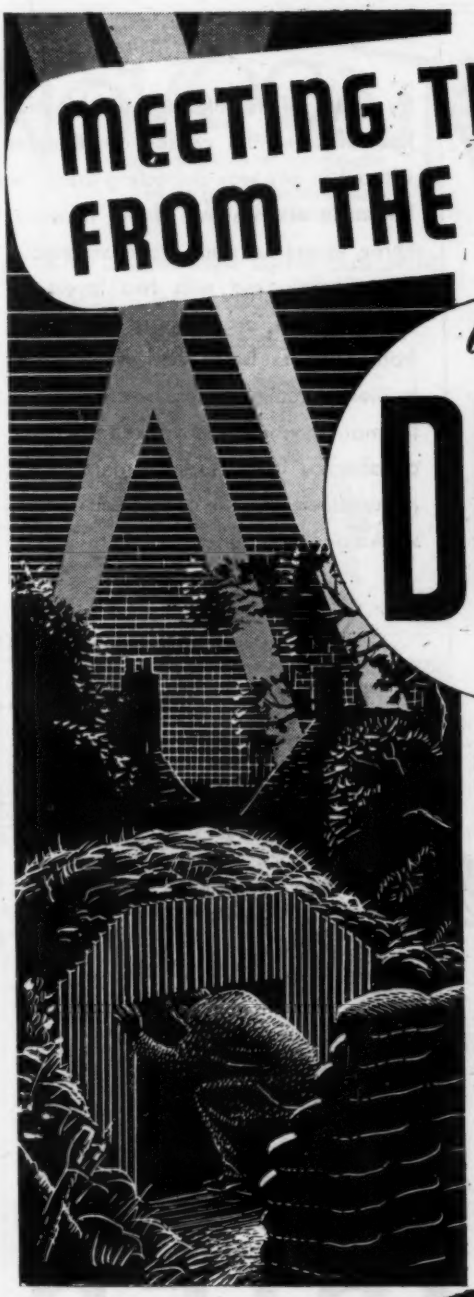

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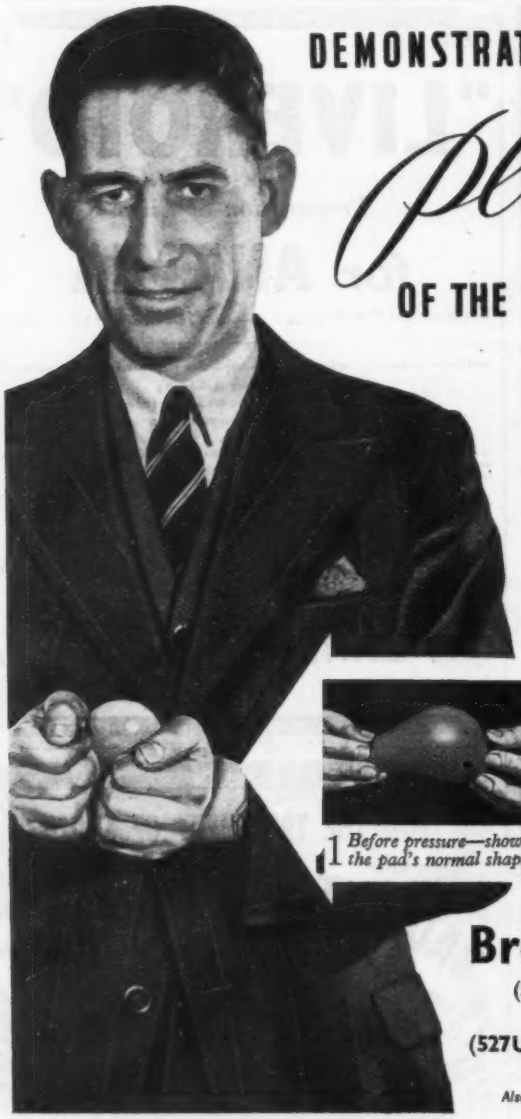

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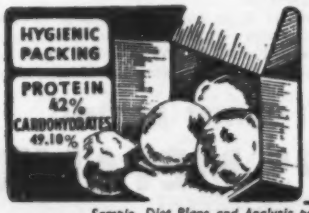


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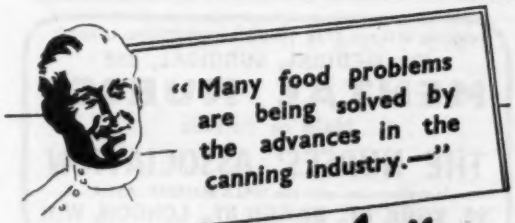


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*The safe antacid and mild laxative for infants and young children*

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neutral colloidal iron solution containing 5% Fe. Non-constipating—does not discolour the teeth.
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# THE MIDDLESEX HOSPITAL MEDICAL SCHOOL

## PRIMARY F.R.C.S.

A Course of Instruction will be held at LEEDS for the JUNE Examination, provided there are sufficient applicants. Classes will begin in the middle of FEBRUARY, 1941, under the personal direction of Professors KIRK, WRIGHT, DODDS and Dr. WOODGER.

Fee 20 guineas.

Application should be made to the Medical Schoo Secretary, MIDDLESEX HOSPITAL, at Leeds Medical School, Leeds, 2.

## Liverpool School of Tropical Medicine.
UNIVERSITY OF LIVERPOOL.

COURSES OF INSTRUCTION.

Arrangements have been made with the London School of Hygiene and Tropical Medicine and with the Colonial Office that, for the duration of the war, courses of instruction in Tropical Medicine and Hygiene will be held alternately in London and Liverpool. The next course for the Diploma in Tropical Medicine, lasting about three months, will be held in Liverpool and will commence on January 7th, 1941.

Prospectus from the Laboratory Secretary, School of Tropical Medicine, Pembroke Place, Liverpool, 3.

TREATMENT OF PATIENTS.

There is an outpatient department at the School for all sufferers from diseases contracted in the tropics. Cases needing hospital treatment are admitted to the Tropical Ward (general and private wards) of the Liverpool Royal Infirmary, which adjoins the School. Special arrangements are made for civil servants and for members of certain firms who are regular subscribers to the School.

## THE GROVE HOUSE,
CHURCH STRETTON, SHROPSHIRE.

Private Home for Ladies mentally ill. Voluntary and Temporary Patients received.

Medical Superintendent: Dr. J. A. MCCLINTOCK

## BRITISH POSTGRADUATE MEDICAL SCHOOL

(UNIVERSITY OF LONDON)

### WAR SURGERY of the ABDOMEN—January 20th–24th, 1941

| | | | |
|---|---|---|---|
| Monday, Jan. 20th | 10 A.M. | Introduction. | Mr. C. H. Frankau, C.B.E., D.S.O., M.S., F.R.C.S. |
| | 11.15 A.M. | Types of Abdominal Wounds and their Pathological Consequences. | Mr. V. Zachary Cope, M.S., F.R.C.S. |
| | 12.15 P.M. | Instruments and Appliances for Abdominal Surgery. | Mr. R. H. Franklin, F.R.C.S. |
| | 2 P.M. | Some Notes on Casualties recently seen in the Field. | Col. P. H. Mitchiner, C.B.E., M.S., F.R.C.S. |
| Tuesday, Jan. 21st | 10 A.M. | Injuries of the Kidney and Ureter, including Gunshot Wounds. | Mr. John Everidge, O.B.E., F.R.C.S. |
| | 11.15 A.M. | Injuries of the Bladder, including Gunshot Wounds. | Mr. John Everidge, O.B.E., F.R.C.S. |
| | 1.15 P.M. | Bus to Royal College of Surgeons. | |
| | 2 P.M. | Demonstration of Specimens in War Collection at Royal College of Surgeons. | Mr. R. T. Payne, M.S., F.R.C.S. |
| Wednesday, Jan. 22nd | 10 A.M. | Wounds of Solid Viscera. | Prof. G. Grey Turner, LL.D., D.Ch., M.S., F.R.C.S. |
| | 11.15 A.M. | Gunshot Wounds in the Field. | Lt.-Col. W. Underwood, F.R.C.S. |
| | 12.30 P.M. | X-ray Demonstration. | Dr. J. Duncan White, M.B., Ch.B., D.M.R.E. |
| | 2 P.M. | After-treatment of Abdominal Wounds and Immediate Complications. | Mr. D. M. Douglas, M.S., F.R.C.S. |
| Thursday, Jan. 23rd | 10 A.M. | Abdomino-Thoracic Wounds. | Surg. Rear-Admiral Gordon-Taylor, O.B.E., M.S., F.R.C.S. |
| | 11.15 A.M. | Technique of Operation for Abdominal Wounds. | Surg. Rear Admiral Gordon-Taylor, O.B.E., M.S., F.R.C.S. |
| | 12.30 P.M. | X-ray Demonstration. | Dr. J. Duncan White, M.B., Ch.B., D.M.R.E. |
| | 2 P.M. | Gunshot Wounds of Urethra, etc. | Mr. Clifford Morson, O.B.E., F.R.C.S. |
| | 3.15 P.M. | Gunshot Wounds of External Genitalia. | Mr. Clifford Morson, O.B.E., F.R.C.S. |
| Friday, Jan. 24th | 10 A.M. | Gunshot Wounds of Rectum and Large Bowel. | |
| | 11.15 A.M. | Complications of Gunshot Wounds of Rectum and Large Bowel. | |
| | 12.30 P.M. | Anæsthesia. | Dr. H. Woodfield Davies, L.M.S.S.A. |
| | 2 P.M. | Operative Surgery—Demonstration. | Mr. A. K. Henry, F.R.C.S. |

The fee for the Course will be one guinea, but no fee will be charged in the case of Officers of the Armed Forces and E.M.S. who submit a leave certificate and register their names before the commencement of the Course.

Applications for tickets should be addressed to the Dean, British Postgraduate Medical School, Ducane Road, W.12.

## University of Bristol.

The University invites applications for the CHAIR OF ANATOMY, vacant in August, 1941.

Full particulars may be obtained from the undersigned, with whom application should be lodged not later than January 30th, 1941.

WINIFRED SHAPLAND, Secretary and Registrar.

Telephone: WELbeck 2728 Telegrams: "ASSISTIAMO, LONDON"

For MEDICAL, SURGICAL, and

**MENTAL NURSES**

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**STRETTON HOUSE,**

Church Stretton, Shropshire.

ESTABLISHED IN 1853.

A PRIVATE HOME for the treatment of gentlemen suffering from Mental and Nervous illness, including the allied Disorders of Alcoholism and the Drug Habit. All types of early Mental and Nervous Cases are received without Certificates as Voluntary Patients under the provisions of the Mental Treatment Act, 1930. Bracing hill country. See "Medical Directory," p. 2358.—Apply to the Medical Superintendent. 'Phone 10 P.O. Church Stretton.

**SPRINGFIELD HOUSE**

'Phone: BEDFORD 3417. **Near BEDFORD**

For Mental Cases with or without Certificates.

*Ordinary Terms: Five Guineas per week (including Separate Bedrooms for all suitable cases without extra charge).*

For forms of admission, &c., apply to the Resident Physician, CEDRIC W. BOWER.

INTERVIEWS IN LONDON BY APPOINTMENT.

**MALLING PLACE, KENT**

For LADIES and GENTLEMEN of Unsound Mind.

Terms moderate. Apply to Resident Medical Superintendent. Telegrams: ADAM WEST MALLING. Telephone No. 2: MALLING.

**PORTSMOUTH CITY MENTAL HOSPITAL**

Accommodation is provided for the reception of PRIVATE PATIENTS of both sexes in three detached Villas, which are healthily and pleasantly situated in extensive grounds with sea views.

Charges from 3 guineas weekly, including all necessaries except clothing.—Apply to the Medical Superintendent and Resident Physician, THOMAS BEATON O.B.E., M.D., F.R.C.P.

**THE COPPICE, NOTTINGHAM.**

HOSPITAL FOR MENTAL DISEASES.

President: The Right Hon. LORD BELPER.

This Institution is exclusively for the reception of a limited number of PRIVATE PATIENTS of both sexes, of the UPPER and MIDDLE CLASSES, at moderate rates of payment. It is beautifully situated in its own grounds, on an eminence a short distance from Nottingham, and commands an extensive view of the surrounding country; and from its singularly healthy position and comfortable arrangements affords every facility for the relief and cure of those mentally afflicted. Voluntary and Temporary Patients received. Occupational Therapy. For terms, &c., apply to the Medical Superintendent.

Telephone: 64117 Nottingham.

**SHAFTESBURY HOUSE** FORMBY-BY-THE-SEA Nr. LIVERPOOL

Specially built and licensed for the care and treatment of a limited number of Ladies and Gentlemen suffering from NERVOUS and MENTAL breakdown. Voluntary and certified patients received. Ladies also admitted as Temporary Patients without certification. Terms moderate. *Apply*, RESIDENT PHYSICIAN, who may be seen in Liverpool, by appointment. *Tel. No. 8 Formby.*

**PECKHAM HOUSE, 112, Peckham Road, London, S.E.15**

Telegrams: "Alleviated, London" Telephone: Rodney 2641-2642

A Private Mental Hospital, for Ladies and Gentlemen suffering from Nervous and Mental Illness, where the amenities of a comfortable home are combined with full investigation and every well-established modern treatment.

Terms from 3½ guineas weekly.

Illustrated Prospectus may be obtained from the Physician Superintendent.

# NORTHUMBERLAND HOUSE

GREEN LANES,

FINSBURY PARK, N.4

A PRIVATE HOSPITAL for the treatment of mental and nervous illnesses. Conveniently situated and easy of access from all parts. Six acres of ground facing Finsbury Park. Voluntary and Temporary Patients received without certification. Occupational Therapy, Psychotherapy, and other modern forms of treatment. Air-raid Shelters have been provided.

*Telephone:* Stamford Hill 2688. *Telegrams:* "SUBSIDIARY, LONDON."

For further particulars apply to the MEDICAL SUPERINTENDENT.

# HAYDOCK LODGE,

NEWTON-LE-WILLOWS, LANCASHIRE.

For the reception and treatment of PRIVATE PATIENTS of both sexes of the UPPER AND MIDDLE CLASSES suffering from Mental and Nervous Disorders, Alcoholism and Drug addiction, either voluntarily, temporarily, or under certificate. Patients are classified in separate buildings according to their mental condition. Situated in park and grounds of 400 acres. Self-supported by its own farm and gardens in which patients are encouraged to occupy themselves. Every facility for indoor and outdoor recreation. For terms, prospectus, etc., apply MEDICAL SUPERINTENDENT. *'Phone:* Ashton-in-Makerfield 7311. *Tele. Address:* Street, Ashton-in-Makerfield.

# CALDECOTE HALL

NUNEATON

WARWICKSHIRE

('Phone : Nuneaton 241)

Residential treatment of

## "Nervous Disorders" & Alcoholism

(Certifiable cases are not received)

This beautiful mansion situated in the heart of the country (less than two hours from London by L.M.S.R.) and surrounded by charming pleasure grounds in which games and outdoor occupational therapy are available is devoted to the treatment of Alcoholism and "Nerves" by psychotherapeutic and ancillary methods.

*Illustrated Brochure and particulars obtainable from A. E. CARVER, M.D., D.P.M., Resident Medical Superintendent.*

# TOR-NA-DEE SANATORIUM

Managing Director : DAVID LAWSON, M.D., F.R.S.E.

FOR THE TREATMENT OF PULMONARY TUBERCULOSIS AND ALLIED DISEASES

Medical Superintendent : R. Y. KEERS, M.D.(Edin.)

For prospectus apply to The Secretary, Tor-na-Dee, Murtle, Aberdeenshire Telephone : Cults 107

# CRICHTON ROYAL, DUMFRIES

For NERVOUS AND MENTAL DISORDERS

Separate Villa for patients suffering from the effects of alcoholism and drug addiction. Every facility for complete investigation and individual treatment on the most modern lines. Fully equipped gymnasium, golf course, and indoor swimming pool. Specially trained occupational and recreational therapists. **Special Department for Insulin Therapy.** As the hospital is well endowed terms are exceptionally moderate, e.g., First Department from 3 guineas per week, Second Department, 2 and 2½ guineas per week. Voluntary and certified patients are received. Medical Certificates given anywhere in the British Isles are valid for admission of patients. *For prospectus, necessary forms, and further information apply to :—*

Physician Superintendent, P. K. McCowan, J.P., M.D., F.R.C.P., D.P.M., Barrister-at-Law. Tel. Dumfries 1119.

# THE OLD MANOR SALISBURY

*A Private Hospital for the Care and Treatment of those of both sexes suffering from MENTAL DISORDERS.*

Extensive grounds. Detached Villas. Chapel. Garden and Dairy Produce from own farm. Terms very moderate.

CONVALESCENT HOME AT BOURNEMOUTH Detached Villas standing in 12 acres of ornamental grounds, with tennis courts, etc., which Voluntary, Temporary or Certified Patients may visit by arrangement for long or short period.

Illustrated Brochure on application to the Medical Superintendent. The Old Manor, Salisbury. Telephone: Salisbury 3216 and 3217.

The Pioneer Hospital, opened 1796, for the humane treatment of those suffering from Nervous and Mental Disorder

## THE RETREAT, YORK

This Hospital of 200 beds, administered by a Committee of the Society of Friends, combines what is best in the investigation and treatment of nervous illness with a sympathetic and friendly atmosphere. Last year 118 patients were admitted, of whom 84 were voluntary cases.

Much curative work is accomplished in our mental hospitals to-day and the recovery rate compares very favourably with that of our general hospitals.

For information and terms of admission apply to :—
The Physician Superintendent,
ARTHUR POOL, M.R.C.P.
(Telephone : York 3612)
who is available for consultation

# ST. ANDREW'S HOSPITAL

## FOR NERVOUS AND MENTAL DISORDERS,

## NORTHAMPTON

*FOR THE UPPER AND MIDDLE CLASSES ONLY.*

PRESIDENT: THE MOST HON. THE MARQUESS OF EXETER, K.G., C.M.G., A.D.C.

MEDICAL SUPERINTENDENT: THOMAS TENNENT, M.D., M.R.C.P., D.P.H., D.P.M.

This Registered Hospital is situated in 130 acres of park and pleasure grounds. Voluntary patients, who are suffering from incipient mental disorders or who wish to prevent recurrent attacks of mental trouble; temporary patients, and certified patients of both sexes are received for treatment. Careful clinical, bio-chemical, bacteriological, and pathological examinations. Private rooms with special nurses, male or female, in the Hospital or in one of the numerous villas in the grounds of the various branches can be provided.

### WANTAGE HOUSE

This is a Reception Hospital in detached grounds with a separate entrance, to which patients can be admitted. It is equipped with all the apparatus for the complete investigation and treatment of Mental and Nervous Disorders by the most modern methods; insulin treatment is available for suitable cases. It contains special departments for hydrotherapy by various methods, including Turkish and Russian baths, the prolonged immersion bath, Vichy Douche, Scotch Douche, Electrical baths, Plombieres treatment, etc. There is an Operating Theatre, a Dental Surgery, an X-Ray Room, an Ultra-violet Apparatus, and a Department for Diathermy and High-frequency treatment. It also contains Laboratories for bio-chemical, bacteriological, and pathological research. Psychotherapeutic treatment is employed when indicated.

### MOULTON PARK

Two miles from the Main Hospital there are several branch establishments and villas situated in a park and farm of 650 acres. Milk, meat, fruit, and vegetables are supplied to the Hospital from the farm, gardens, and orchards of Moulton Park. Occupational therapy is a feature of this branch, and patients are given every facility for occupying themselves in farming, gardening, and fruit growing.

### BRYN-Y-NEUADD HALL

The seaside house of St. Andrew's Hospital is beautifully situated in a Park of 330 acres, at Llanfairfechan, amidst the finest scenery in North Wales. On the North-West side of the Estate a mile of sea coast forms the boundary. Patients may visit this branch for a short seaside change or for longer periods. The Hospital has its own private bathing house on the seashore. There is trout-fishing in the park.

At all the branches of the Hospital there are cricket grounds, football and hockey grounds, lawn tennis courts (grass and hard courts), croquet grounds, golf courses, and bowling greens. Ladies and gentlemen have their own gardens, and facilities are provided for handicrafts, such as carpentry, etc.

For terms and further particulars apply to the Medical Superintendent (TELEPHONE: No. 2356 and 2357 Northampton), who can be seen in London by appointment.

# CHEADLE ROYAL HOSPITAL, Cheadle, Cheshire.

This REGISTERED HOSPITAL, with a SEASIDE BRANCH at Colwyn Bay, N. Wales, is for the treatment and care of those of the Upper and Middle Classes suffering from MENTAL AND NERVOUS DISEASES.

The Hospital is governed by a COMMITTEE, appointed by the TRUSTEES of the Manchester Royal Infirmary.

In addition to the Main Buildings there are separate villas. Extensive grounds. Hard and grass tennis courts, cricket and croquet grounds, and a court for badminton. There are also wireless installations. Golf may be had within easy distance. Occupational Therapy.

VOLUNTARY, TEMPORARY, AND CERTIFIED PATIENTS received.

The Hospital is nine miles from Manchester, 40 minutes by rail from Liverpool, and 3½ hours from London.

For terms and further particulars apply to the Medical Superintendent, who may be seen in Manchester BY APPOINTMENT. *Telephone: Gatley* 2231 (3 lines).

# CAMBERWELL HOUSE

Telegrams: "PSYCHOLIA, LONDON." 33, PECKHAM RD., LONDON, S.E.5. Telephone: Rodney 4242 (2 lines).

***For the treatment of MENTAL DISORDERS.***

Also completely detached Villas for Mild Cases, with private suites if desired. Voluntary Patients received. Twenty acres of Grounds. Hard and Grass Tennis Courts, Putting Greens, Bowls, Croquet, Squash Rackets, Recreation Hall with Badminton Court, and all indoor amusements, including Wireless and other Concerts, Occupational Therapy, Calisthenics, and Dancing Classes. X-ray and Actino-therapy, Prolonged Immersion Baths, Operating Theatre, Pathological Laboratory, Dental Surgery, and Ophthalmic Department. Chapel. **Shock and also modified Insulin Therapy.**

Senior Physician: Dr. HUBERT JAMES NORMAN, assisted by a resident Medical Staff, and visiting Consultants.

An Illustrated Prospectus, giving fees which are strictly moderate, may be obtained upon application to the Secretary.

**The Convalescent Branch is Hove Villa, Brighton, and is 200 feet above sea level.**

# THE COTSWOLD SANATORIUM

First opened in 1898 and rebuilt in 1925 on the Cotswold Hills seven miles from Cheltenham, for the Treatment of Pulmonary and all other forms of Tuberculosis. Aspect S.S.W., sheltered from North and East, elevation 800 feet. Pure bracing air, SPECIAL TREATMENT by artificial PNEUMOTHORAX (X-ray controlled). TUBERCULINS, and ULTRA-VIOLET RAYS is available when necessary without extra charge. X-RAY plant, Fully Equipped Dental Department, Electric Light Radiators, hot and cold basins and Wireless in all rooms. Up-to-date drainage. Full day & night Nursing Staff. **Terms: 5½ to 8½ Guineas a week inclusive.**

*Med. Supt.:* GEOFFREY A. HOFFMAN, B.A., M.B., T.C. Dub. *Asst. Phys.:* MARGARET A. HARRISON, M.B., B.S. Lond. *Cons. Laryngologist:* G. N. BARKER, F.R.C.S. Edin., D.L.O. *Cons. Dent. Surgeon:* GEORGE V. SAUNDERS, L.D.S.R.C.S. Lond. *Phone:* 81 & 82 Witcombe. Apply: *The Secretary, The Cotswold Sanatorium, Cranham, Gloucester. Telegrams:* "Hoffman, Birdlip."

# COURT HALL, KENTON, near EXETER

FOR THE TREATMENT OF EIGHT LADIES, VOLUNTARY, TEMPORARY AND CERTIFIED PATIENTS

# CLIFFDEN, TEIGNMOUTH

FOR EARLY AND CONVALESCENT CASES Recreational Therapies are held daily by skilled Leaders

The house stands high with spacious balconies and extensive views of the South Devon Coast. Beautiful garden. Own Dairy in 25 acres. Private road to beach.

There is also a charming house, EBWORTHY, HANATON, DARTMOOR, situated in 20 acres, 1100 ft. up for bracing moorland air.

*Resident Physicians*—BERTHA M. MULES, M.D., B.S. ANNE S. MULES, M.R.C.S., L.R.C.P.

Telephones—STARCROSS 259 and TEIGNMOUTH 289

## THE MAGHULL HOMES FOR EPILEPTICS (Inc.)

MAGHULL (near LIVERPOOL)

FARMING and OPEN AIR OCCUPATION for PATIENT

A few vacancies in 1st and 2nd Class Houses.

FEES: 1st Class (men only) from £5 5s. per week upwards.
2nd Class (men and women) 32/- per week.

*For further particulars apply:* C. EDGAR GRISEWOOD, A.C.A Secretary, 20, Exchange Street East, Liverpool, 2

## BROOKE HOUSE, CLAPTON

A PRIVATE HOME for the treatment of Nervous and Mental Disorders in both sexes. Situated in nine acres of Pleasure Grounds.

Voluntary, Temporary, and Certified Patients received.

*For further particulars apply—*

Dr. ERNEST ROLLINS, Resident Physician.

*Tel.:* Amherst 1642.

## HEIGHAM HALL, NORWICH

PRIVATE MENTAL HOME for Nervous and Mental Illness. All forms of treatment available. Fees from 4 gns. per week upwards according to requirements. Vacancies occasionally exist at reduced fees on the recommendation of the patient's own physician.

Apply to Dr. J. A. SMALL. Telephone: Norwich 80.

## FENSTANTON, at "FIVE DIAMONDS," Chalfont St. Giles, Bucks.

A Private Home for the Care and Treatment of a limited number of LADIES with Mental and Nervous Disorders. Certified, Voluntary, and Temporary Patients received. Mansion with 12 acres of ground. (*See Medical Directory*, p. 2346.) Apply Resident Physician. Telephone: Little Chalfont 2046. Station: Chalfont and Latimer.

## CHISWICK HOUSE,

PINNER, MIDDLESEX.

Telephone: PINNER 234.

A Private Hospital for the Treatment and Care of Mental and Nervous Illnesses in both Sexes.

A modern country house, 12 miles from Marble Arch, in attractive and secluded surroundings. Fees from 10 guineas per week inclusive. Cases under Certificate, Voluntary and Temporary Patients received for treatment.

DOUGLAS MACAULAY, M.D., D.P.M.

## Merton and Morden Urban District COUNCIL.

TEMPORARY APPOINTMENT OF ASSISTANT MEDICAL OFFICER (MALE OR FEMALE).

Applications are invited from registered medical practitioners for the post of Assistant in the Public Health Department. The officer appointed will be required to devote the whole of his or her time to the duties of the office under the direction of the Medical Officer of Health. The duties will include the regular inspection by day or night, as required, of the public shelters in the district and such other duties as may be required.

The salary will be at the rate of £600 per annum and the appointment subject to one month's notice on either side.

Applications, stating age, qualifications, and any commitments to the Fighting Services, together with copies of not more than three recent testimonials, should reach the undersigned not later than 18th January, 1941.

C. J. MOUNTIFIELD, Clerk of the Council.

Dorset Hall, Kingston-road, Merton, S.W.19,
23rd December, 1940.

## Borough of Ealing.

TEMPORARY ASSISTANT MEDICAL OFFICER OF HEALTH.

Applications are invited from duly qualified medical practitioners over thirty-five years of age for the position of Temporary Assistant Medical Officer of Health. Other things being equal, preference will be given to applicants holding a Public Health qualification. The salary will be at the rate of £600 per annum, with a car allowance of £52 per annum. The officer appointed will be required to devote the whole of his time to the duties, under the direction of the Medical Officer of Health, which will consist of frequent and regular inspection by day and night of the public shelters in the district and of such other medical services as the Civil Defence Committee may require of him. The appointment will be subject to one month's notice on either side and will not confer any rights under the Superannuation Scheme. Canvassing will be a disqualification.

Copies of the application form and the terms of the appointment can be obtained from Dr. Thomas Orr, Medical Officer of Health, Town Hall, Ealing, W.5, to whom applications, accompanied by copies of not more than three recent testimonials, must be delivered not later than the 16th January, 1941.

R. H. WANKLYN, Town Clerk.

Town Hall, Ealing, W.5, January, 1941.

## West London Hospital,

Hammersmith, W.6.

APPOINTMENT OF ONE HOUSE PHYSICIAN (A) AND ONE HOUSE SURGEON (A).

Applications are invited from registered medical practitioners, Male and Female, for the appointment of a House Physician (A) to become vacant on 19th January, and of a House Surgeon (A) to become vacant on 25th January, including R practitioners within three months of qualification. The appointments will be for periods of six months in each case. Salary is at the rate of £100 a year, with full board and lodging.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than 14th January.

H. A. MADGE, Secretary.

## The Hostel of St. Luke, Clergy

NURSING HOME, 14 Fitzroy Square, London, W.1.

APPOINTMENT OF RESIDENT MEDICAL OFFICER (B2).

Applications are invited from registered Medical Practitioners (Male and Female), British nationality, for the appointment of Resident Medical Officer (B2), including R Practitioners who now hold A posts. If held by an R Practitioner the appointment will be limited to six months, otherwise it will be for a period of six months and may be renewable for a further period of six months. The salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and recent post, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

J. A. CAMPBELL, Surgeon-Captain, R.N. retired, Secretary.

## Royal National Orthopædic Hospital,

BROCKLEY HILL, STANMORE, MIDDLESEX.

Applications are invited from registered medical practitioners (Male), including R practitioners holding A posts, for the appointment of RESIDENT HOUSE SURGEON (B2).

There are two vacancies, one on February 1st and the other on March 1st. The appointments are for a period of six months. Salary £200 per annum, with board, quarters, laundry, &c.

Applications, stating age, nationality, qualifications, and previous experience, with copies of testimonials, should be sent to the SECRETARY, Royal National Orthopædic Hospital, 234, Great Portland-street, W.1, not later than Monday, January 20th.

## Hampstead General Hospital,

Haverstock Hill, N.W.3.

OUT-PATIENT DEPARTMENT, Camden Town, N.W.1.

Applications are invited from registered single medical Women for the resident appointment of CASUALTY SURGICAL OFFICER for six months, vacant 14th January next, at the Out-patient Department, Camden Town. Salary £100 per annum, plus an allowance of £50 per annum for duties in connexion with the First-Aid Post established there.

Applications on the prescribed form, with copies of three testimonials, to be returned to the undersigned immediately.

KENNETH A. F. MILES, Secretary.

## Hampstead General Hospital,

Haverstock Hill, N.W.3.

(REGION 5, SECTOR 4—E.M.S.)
At Haverstock Hill, N.W.3.

Applications are invited from single medical Men, including R practitioners holding A posts, for the post of HOUSE SURGEON (B2) for six months, vacant 1st March. Salary £133 6s. 8d. per annum.

At OUT-PATIENT DEPT., Camden Town, N.W.1.

Applications are invited from single medical Women for the post of CASUALTY MEDICAL OFFICER (B2) for six months, vacant 1st February. Salary £100 per annum, plus an allowance at £50 per annum for duties in connexion with the First-Aid Post established there.

Applications on the prescribed form, with copies of three testimonials, to be returned by 21st January.

KENNETH A. F. MILES, Secretary.

## Enfield, Edmonton and Potters Bar

(E.M.S.) HOSPITAL, Winchmore Hill, N.21.

Applications are invited from fully qualified and registered medical practitioners (Male or Female) for the post of HOUSE OFFICER (A) at the above Hospital, to become vacant 1st February, 1941, including R practitioners within three months of qualification, when appointment will not exceed six months in all.

The appointment will be for a period of three months in the first instance, but may be renewed, and will be subject to one month's notice of termination. Salary at the rate of £200 per annum, with board, lodging, and laundry provided.

Apply, giving age, nationality, and experience, together with recent testimonials, to the MEDICAL SUPERINTENDENT, Isolation Hospital, World's End, Winchmore Hill, N.21.

## National Temperance Hospital,
Hampstead-road, N.W.1.

The post of SURGICAL REGISTRAR (B1) is now vacant. Applications are invited from candidates possessing the F.R.C.S. qualification. In addition he will be a whole-time Officer under the E.M.S. Salary £550 per annum for both duties, payable by the Ministry of Health. Suitably qualified R practitioners holding B2 or B1 posts are invited to apply.

Applications, accompanied by copies of three recent testimonials, to be forwarded by January 15th, addressed to the Secretary.

## National Temperance Hospital,
Hampstead-road, N.W.1.

Applications are invited for the post of full-time MEDICAL OFFICER AND BLOOD TRANSFUSION OFFICER (B1), now vacant, under the E.M.S. Salary £350 per annum, payable by the Ministry of Health. Suitably qualified R practitioners holding B2 or B1 posts are invited to apply.

Candidates, preferably a Graduate of a University of the United Kingdom, or a M.R.C.P., should submit applications, together with three recent testimonials, not later than January 15th, addressed to the Secretary.

## Middlesex County Council.

NON-RESIDENT SURGEON (Grade II) (B1) required for HILLINGDON COUNTY HOSPITAL, near UXBRIDGE (to live near hospital). Must be registered medical practitioners (including suitably qualified R practitioners holding B2 or B1 appointments) of high qualifications and professional attainments, who have devoted their time wholly or chiefly to the practice of surgery. Salary £650–£50–£1000 per annum. The appointment is a senior one in the Council's general hospital service and will be unestablished for the duration of the war, subject to medical examination and three months' notice. Whole-time duties will be carried out under the supervision of Medical Superintendent. Successful candidate must be prepared to undertake teaching students and such other duties as Council may direct. The salary is inclusive and any fees received must be paid to the Council.

Application, stating age, nationality, qualifications with dates, and details of previous and present appointments, to the undersigned. No application forms provided. Relationship to any member or officer of the Council to be disclosed. Copies of not more than three recent testimonials. Canvassing, directly or indirectly, will disqualify. Closing date 18th January, 1941.

C. W. RADCLIFFE, "B3," Clerk of the County Council.
Guildhall, Westminster, S.W.1.

## Middlesex County Council.

RESIDENT JUNIOR ASSISTANT MEDICAL OFFICER (B2) for REDHILL COUNTY HOSPITAL, EDGWARE. Applications invited from registered medical practitioners, Male or Female (including R practitioners who hold A posts and have not completed five months' tenure of these posts), who have held resident appointments in general hospitals. Salary £250 per annum, board, lodging, and laundry. Whole-time duties, mainly surgical, under supervision of Medical Superintendent. Subject to medical examination and one month's notice, is primarily for six months, but may be extended for further six months. Post now vacant.

Applications, stating age, qualifications with dates, nationality, present post, and previous appointment, to be made to the undersigned.

No application forms provided. Relationship to any member or officer of the Council. Copies of not more than three recent testimonials. Canvassing directly or indirectly will disqualify. Closing date 25th January.

C. W. RADCLIFFE, "B3," Clerk of the County Council.
Guildhall, Westminster, S.W.1.

## St. Mary's Hospital for Women and
CHILDREN, Upper-road, Plaistow, E.13.

Applications are invited from registered medical practitioners, including R practitioners within three months of qualification, for RESIDENT HOUSE SURGEON (A).

Applications are also invited from registered medical practitioners, including R practitioners now holding A posts, for RESIDENT HOUSE PHYSICIAN (B2).

The appointments are for six months, and candidates must be British by birth and nationality. Salary at the rate of £200 per annum, with board and residence.

Applications, with copies of recent testimonials, to be sent as soon as possible to the undersigned.

A. ERNEST WILKES, Secretary.

## The Royal Masonic Hospital,
Ravenscourt-park, W.6.

A post of RESIDENT MEDICAL OFFICER (B1), Male, is now vacant. Salary at the rate of £300 per annum, with board, residence, and laundry. The appointment is for twelve months. Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply. Candidates must be registered and must have held resident appointments at a General Hospital. The Royal Masonic Hospital is primarily for paying patients of both sexes of moderate means, usually unable to afford ordinary Nursing Home treatment, &c. Military work is being done in addition to the civilian work.

Applications, stating full particulars, to be sent immediately to the HONORARY SECRETARIES, from whom further information may be obtained.

## Belgrave Hospital for Children,
1, Clapham-road, S.W.9.

The Committee of Management invite applications from resident medical practitioners (Male or Female), including R practitioners within three months of qualification, for the position of SECOND RESIDENT MEDICAL OFFICER (A), which will become vacant on February 1st.

The appointment is for six months, with board, residence, and laundry provided; salary at the rate of £100 per annum. A successful candidate would become eligible for a further emolument in the First-Aid Post if willing and able to undertake the duties.

Applications, with copies of testimonials, stating age, should be forwarded as soon as possible to

THOMAS CLAPHAM, Secretary.

## Examining Surgeons.
FACTORIES ACT, 1937.

The following appointment as Examining Surgeon under the Factories Act, 1937, is vacant.

Applications should be sent to the Chief Inspector of Factories, Cleland House, Page-street, London, S.W.1.

| District. | County. | Latest date for receipt of applications. |
|---|---|---|
| LEWISHAM .. | LONDON .. | 14th January, 1941. |

## Borough of Edmonton.

APPOINTMENT OF ASSISTANT MEDICAL OFFICER OF HEALTH AND ASSISTANT SCHOOL MEDICAL OFFICER.

Applications are invited from qualified medical practitioners holding the Diploma in Public Health, Sanitary Science, or State Medicine for the above appointment. Candidates must be under forty-five years of age.

The salary will be at the rate of £550 per annum, rising to £700 per annum by annual increments of £25.

Forms of application, conditions of appointment, and synopsis of duties may be obtained from the undersigned.

Applications, endorsed "Asst. M.O.H.," accompanied by copies of not more than three recent testimonials, must be delivered to me not later than 12 o'clock NOON on Saturday, the 25th January, 1941.

Canvassing either directly or indirectly will be a disqualification.

By Order.
FREDK. W. CLAXTON, Town Clerk.
Town Hall, Edmonton, N.9.

## Royal Free Hospital,
Gray's Inn Road, W.C.1.

Applications are invited, including suitably qualified R practitioners holding B2 or B1 appointments, for the post of OBSTETRIC AND GYNÆCOLOGICAL REGISTRAR. Salary £350 per annum.

Applications stating age and accompanied by copies of three recent testimonials should be sent to the undersigned (from whom all information may be obtained) on or before the 8th February, 1941. Duties to commence forthwith from date of appointment.

RICHARD T. BARTLEY, Secretary.

## Grove Road Emergency Hospital,
Richmond.

Applications are invited for the appointment of HOUSE OFFICER (A). R practitioners within 3 months of qualification may apply, when the appointment will be limited to six months. Salary £200 per annum, plus full residential emoluments.

Applications stating age, qualifications, and experience should be sent to the Medical Officer at the Hospital not later than 22nd January, 1941.

## University of St. Andrews.

There is a vacancy for a TEMPORARY ASSISTANT in the Department of Anatomy at St. Andrews, for the Candlemas (Jan.–March) and Whitsunday (April–June) Terms, 1941. The salary is at the rate of £100 per term. Applicants should communicate with Professor David Waterston, M.D., Department of Anatomy, Bute Medical Buildings, St. Andrews, as soon as possible.

ANDREW BENNETT, Secretary.

## City of Leicester.

CITY GENERAL HOSPITAL.

APPOINTMENT OF A JUNIOR RESIDENT MEDICAL OFFICER (A).

Applications are invited from registered medical practitioners for the appointment of a Junior Resident Medical Officer for mainly surgical duties, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be limited to six months. Otherwise it will be for a period of six months and renewable for a further six months. Salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, nationality, qualifications, and experience, with dates, and accompanied by copies of three recent testimonials, should be sent to the undersigned at once.

E. K. MACDONALD, Medical Officer of Health.
Health Department, Grey Friars, Leicester, January, 1941.

# HIS MAJESTY'S COLONIAL SERVICE

## THE COLONIAL MEDICAL SERVICE

## VACANCIES FOR MEDICAL OFFICERS

**The maintenance of an efficient Colonial Medical Service constitutes a vital part of the national war effort and it is most important that the Service should be assured of an adequate supply of doctors.**

**The Secretary of State for the Colonies therefore invites applications from doctors possessing a medical qualification registrable in the United Kingdom who are British subjects and who are under thirty-five years of age.**

**Medical Officers are appointed in the first instance for general service. But there are ample opportunities for work in special branches of medicine and surgery, in public health and in medical research.**

**The normal salary scale is from £600 to between £1,000 and £1,120. There are large numbers of super-scale posts to which promotion is made on merit and which carry higher salaries.**

**Government quarters, in many cases free of rent, and first-class passages to and from the Colonies are provided, and an adequate pension scheme is in force.**

**Selected candidates are normally required to attend a course of instruction in Tropical Medicine and Hygiene either before proceeding overseas or during their first period of leave.**

**Further particulars, including the regulations governing admission to the Colonial Medical Service, may be obtained from the Director of Recruitment (Colonial Service), 29, Queen Anne's-gate, London, S.W.1.**

## North Riding of Yorkshire.

COUNTY MEDICAL OFFICER OF HEALTH AND SCHOOL MEDICAL OFFICER.

The North Riding County Council invite applications from duly qualified medical practitioners, registered in the Medical Register as the holder of a Diploma in Sanitary Science, Public Health, or State Medicine, for appointment as County Medical Officer of Health and School Medical Officer.

The person appointed will be required to devote his whole time to the duties of the office which are prescribed by Statute, and which may be prescribed by the County Council from time to time, and will be required to reside in such place within the Riding as the Council may decide.

The salary will be £1200 per annum, together with travelling allowance in accordance with the scale prescribed by the County Council. Staff and office accommodation will be provided by the County Council.

The post is subject to the Local Government Superannuation Act, 1937, and the successful candidate will be required to pass satisfactorily a medical examination.

The appointment will be subject to three months' notice on either side.

A general statement of the duties and terms of appointment may be obtained from the undersigned.

Applications, stating age, qualifications, and experience, accompanied by copies of three recent testimonials, should reach the undersigned by not later than 27th January, 1941, endorsed "Medical Officer of Health."

Canvassing members of the County Council will be deemed a disqualification.

HUBERT G. THORNLEY, Clerk of the County Council.

County Hall, Northallerton, Yorks., 3rd January, 1941.

## Surrey County Council.

PUBLIC HEALTH DEPARTMENT.

EPSOM COUNTY HOSPITAL, Dorking Road, Epsom (350 Beds).

ASSISTANT RESIDENT OBSTETRICIAN (B1).

Applications are invited for the above post, which will be available either for the duration of the war or until the return of the present holder who is joining the services. The new maternity unit at the Epsom County Hospital is about to be opened and will provide 54 beds and an ante-natal department.

Candidates must have held an obstetrical appointment and should preferably possess a higher qualification. Suitably qualified R practitioners holding B2 or B1 posts are invited to apply.

Salary £350 p.a., rising by annual increments of £25 to £450 p.a., plus full residential emoluments valued for superannuation purposes at £125 p.a.

Applications giving particulars of age, qualifications, and experience, and enclosing copies of not more than three recent testimonials, should be sent to the Medical Superintendent of the Hospital, Mr. G. F. Stones, F.R.C.S.E., so that he receives them not later than 22nd January, 1941.

DUDLEY AUKLAND, Clerk of the Council.

County Hall, Kingston-upon-Thames, 10th January, 1941.

## The Royal Hospital, Wolverhampton.

(Incorporated under Royal Charter.)

GYNÆCOLOGICAL AND OBSTETRIC DEPARTMENT.

ASSISTANT RESIDENT MEDICAL OFFICER (Female) required for the above Department (63 Beds). Duties to commence 1st February, 1941.

Candidates must be registered under the Medical Acts and unmarried.

The appointment is for six months. Salary at the rate of £100 per annum, board, furnished rooms, and laundry provided.

Applications, with copies of testimonials, to be forwarded to the undersigned.

W. H. HARPER, House Governor.

Wolverhampton, 30th December, 1940.

## The Royal Hospital, Wolverhampton.

(Incorporated under Royal Charter.)
(310 Beds.)

Applications are invited from registered medical practitioners, including R practitioners holding A posts, for the following post: RESIDENT ANÆSTHETIST (B2) vacant shortly. Salary at the rate of £200 per annum, with full residential emoluments.

The appointment is for six months.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

W. H. HARPER, House Governor.

Wolverhampton, 30th December, 1940.

## Royal Berkshire Hospital, Reading.

Applications are invited from registered medical practitioners (Male) for the following A appointments which fall vacant on the dates stated :—

HOUSE SURGEON—24th January, 1941.
HOUSE SURGEON to the SPECIAL DEPARTMENTS (Eye, Ear, Nose, and Throat)—11th February, 1941.
HOUSE PHYSICIAN—6th February, 1941.
RESIDENT MEDICAL OFFICER at the BLAGRAVE BRANCH HOSPITAL and Assistant to the Pathologist—31st January, 1941.

Including R practitioners within three months of qualification. The appointments are all for six months.

Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

H. E. RYAN, Secretary and House Governor.

## Taunton and Somerset Hospital,

TAUNTON.

HOUSE SURGEON (A).

Applications are invited from registered Medical Practitioners, Male and Female, for the appointment of a House Surgeon (A). R Practitioners within three months of qualification may apply, when appointment will be limited to six months. Salary at rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of testimonials, to be sent to F. J. J. STACEY, Secretary.

## Bootle General Hospital, Linacre Lane,

BOOTLE, LIVERPOOL, 20.
(131 Beds.)

HOUSE SURGEON.
HOUSE SURGEON TO SPECIALS DEPARTMENT.

Applications are invited from registered Medical Practitioners, Male and Female, for the above A appointments, including R Practitioners within three months of qualification.

Appointments are for a period of six months, and salary at the rate of £150 per annum, with full residential emoluments.

Application, stating age, qualifications with details, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

A. J. COOPER, Secretary-Superintendent.

## The Bolton Royal Infirmary.

(327 Beds, including Two Auxiliary Hospitals.)

Applications are invited from registered medical practitioners for appointments as HOUSE SURGEONS (A), including R practitioners within three months of qualification. One post is mainly in charge of Gynæcological and Ear, Nose and Throat Departments. Salary £150 per annum, with board, residence, and laundry.

Applications, stating age, nationality, and experience, together with copies of testimonials, to be forwarded to the undersigned not later than Saturday, December 28th, 1940.

H. AUBREY FROGGATT, Superintendent-Secretary.

## Nottingham General Dispensary.

HYSON GREEN BRANCH, NOTTINGHAM.

Wanted, RESIDENT MEDICAL OFFICER (Female), unmarried. Must have medical and surgical qualifications. Salary £300, with £25 increase per year up to £350. House, with attendance, lights and fuel (not board).

The institution is a non-provident one. No beds. No midwifery.

The person appointed will be required to take up duty as early as possible. Appointment for twelve months terminable (then or thereafter) by three months' notice.

Applications, stating age, qualifications, and nationality, and accompanied by copies of recent testimonials, to be sent forthwith to—

E. BREARLEY, Acting Secretary.

5, Thurland-street, Nottingham.

## Victoria Hospital, Accrington.

HOUSE SURGEON (A).

Applications are invited from registered Medical Practitioners (Male or Female) for appointment of House Surgeon (A), to become vacant on Jan. 7th, 1941, including R Practitioners within three months of qualifying. If held by an R Practitioner, appointment limited to six months. Salary rate £175 per annum, with full residential emoluments.

Application, stating age, qualifications, and nationality, and accompanied by copies of three recent testimonials, to be sent to undersigned.

J. KENYON, Financial Secretary.

## The Royal Infirmary, Sunderland.

Applications are invited from Male registered medical practitioners, including R practitioners within three months of qualification, for the appointment of HOUSE SURGEON (A).

The appointment will be limited to six months.

The salary is at the rate of £120 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned at the earliest possible date.

M. J. HUNTLEY, House Governor and Secretary.

## Exeter City Hospital E.M.S.

APPOINTMENT OF HOUSE SURGEON (A).

Applications are invited from registered medical practitioners (Male) for the appointment of House Surgeon (A) to become vacant on 1st February, 1941, including R practitioners within three months of qualification. The appointment will be limited to six months. Salary is at the rate of £175 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned forthwith.

G. B. PAGE, Medical Officer of Health.

5, Southernhay West, Exeter, 16th December, 1940.

## County Borough of Southend-on-Sea.

SOUTHEND MUNICIPAL HOSPITAL, ROCHFORD, ESSEX.

RESIDENT ASSISTANT MEDICAL OFFICER (GRADE II) (WOMAN) and HOUSE MEDICAL OFFICER (WOMAN).

Applications are invited for the under-mentioned appointments at the Southend Municipal Hospital, Rochford, Essex, from registered Women medical practitioners:—

(1) Resident Assistant Medical Officer (Grade II). Salary £325 per annum, with full residential emoluments valued at £100 per annum. Previous experience in the administration of anæsthetics essential.

(2) Resident House Medical Officer. Salary £200 per annum, with full residential emoluments valued at £100 per annum.

The above appointments are tenable for one year only and are subject to one month's notice on either side given at any time.

The persons appointed will be liable to pay superannuation contributions if the provisions of the Local Government Officers Superannuation Acts are applicable.

Application forms, obtainable from the Medical Superintendent, should be returned not later than 27th January, 1941.

H. J. WORWOOD, Town Clerk.

Town Clerk's Office, Southend-on-Sea.

## Royal West Sussex Hospital,

CHICHESTER, SUSSEX.

APPOINTMENT OF JUNIOR HOUSE SURGEON (A).

Applications are invited from registered medical practitioners, including R practitioners within three months of qualification, for the appointment of Junior House Surgeon. The appointment will be for a period of six months.

Salary £145 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, accompanied by copies of three recent testimonials, should be sent to the undersigned.

K. H. WILLIAMS, House Governor and Secretary.

December 30th, 1940.

## The Royal Hospital, Sheffield.

(Teaching Hospital—422 Beds.)

Applications are invited from registered medical practitioners, Male and Female, including R practitioners within three months of qualification, for two posts now vacant, that of HOUSE SURGEON to the E.N.T. DEPARTMENT (A) and RESIDENT ANÆSTHETIST AND ASSISTANT CASUALTY OFFICER (A). If held by an R practitioner, appointment will be for a period of six months. Salary is at the rate of £80 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the Superintendent at once.

W. H. BOOTH, Superintendent.

## The Lawn, Lincoln.

(Registered Hospital for Mental and Nervous Diseases.)

The Governors invite applications for the post of MEDICAL SUPERINTENDENT (Male or Female) of the above Hospital. Commencing salary £650 per annum, with war bonus, and full board and house partly furnished. Special qualifications will receive consideration.

Applications, stating age, previous experience, and copies of testimonials, to be sent to THE CHAIRMAN OF GOVERNORS, The Lawn, Lincoln, on or before Monday, the 27th January, 1941.

## The Lawn, Lincoln.

(Registered Hospital for Mental and Nervous Diseases.)

Applications are invited from registered medical practitioners, including R practitioners who now hold A posts, for an ASSISTANT MEDICAL OFFICER (B2), one with previous mental hospital experience preferred. If held by an R practitioner, appointment will be limited to six months. Salary £300 per annum, with emoluments.

Apply, THE CHAIRMAN OF GOVERNORS, The Lawn, Lincoln.

## Saint Mary's Hospitals, Whitworth

PARK, MANCHESTER.

Applications are invited from registered medical practitioners, including R practitioners who now hold A posts, for the following appointments:—

HOUSE SURGEON to the MATERNITY DEPARTMENT.

HOUSE SURGEON to the GYNÆCOLOGICAL DEPARTMENT.

Both are B2 appointments. Salary at the rate of £50 per annum, with board and residence, for six months.

HONORARY SURGEON for Children—Locum Tenens.

Applications are invited for a locum tenens in the post of Honorary Surgeon to the Children's Department. Candidates should be Fellows of the Royal College of Surgeons.

Applications and copies of three recent testimonials should be sent to the undersigned on or before January 21st, 1941.

A. R. WISE, Superintendent and Secretary.

## Borough of Ilford.

APPOINTMENT OF ASSISTANT DENTAL SURGEON.

Applications are invited from registered dental surgeons of either sex holding a degree or diploma in Dental Surgery for the above whole-time appointment at a commencing salary of £450 per annum, rising by annual increments of £25 to a maximum of £500 per annum.

The duties will be mainly connected with the dental inspection of school-children, but the officer appointed will be required also to assist when necessary with the other dental services of the Council.

The appointment is subject to the provisions of the Local Government Superannuation Acts and to the normal agreement, and the selected applicant will be required to pass a medical examination to the satisfaction of the Medical Officer of Health. The appointment will also be subject to three months' notice on either side.

Forms of application, together with the conditions of appointment and list of duties, may be obtained from the undersigned.

Applications on the prescribed form, together with copies of two recent testimonials, must be received by me in an envelope endorsed "Assistant Dental Surgeon" at the Town Hall, Ilford, not later than the 22nd January, 1941.

Canvassing directly or indirectly will be a disqualification.

CHARLES N. ROBERTS, Town Clerk.

Town Hall, Ilford, 4th January, 1941.

## Royal Halifax Infirmary.

Applications are invited from registered medical practitioners (Male), including R practitioners within three months of qualification, for:—

1. SECOND HOUSE SURGEON (A). Salary £175 per annum;

2. CASUALTY OFFICER (A). Salary £150 per annum, with full residential emoluments in each case.

If held by an R practitioner the appointment will be for a period of six months.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

A. MIDGLEY, Secretary.

2nd January, 1941.

## County of Kent.

PUBLIC HEALTH DEPARTMENT.

APPOINTMENT OF ASSISTANT COUNTY MEDICAL OFFICER OF HEALTH.

Applications are invited for the above-mentioned whole-time appointment on the central medical staff of the Public Health Department.

The duties of the post will be mainly administrative and chiefly in connexion with Maternity and Child Welfare Services. Preference will be given to women applicants and it is desirable that candidates should have had previous experience in the general administrative work of a Public Health Department.

The salary is at the rate of £700 a year, with subsistence and travelling allowances according to the County Council's scale.

The post is superannuable and is terminable by three months' notice on either side. The successful candidate will be required to pass a medical examination.

Forms of application can be obtained from the County Medical Officer, County Hall, Maidstone, and completed application forms must be returned to him not later than 14th January, 1941.

W. L. PLATTS, Clerk of the County Council.

County Hall, Maidstone, 27th December, 1940.

## The Royal Infirmary, Sunderland.

(358 Beds.)

APPOINTMENT OF ASSISTANT PATHOLOGIST (B2).

Applications are invited from registered medical practitioners, Male and Female, who are registered as Laboratory Workers on the lists of the Medical Research Council, or who are ineligible for military service, for the appointment of Assistant Pathologist (B2), at a commencing salary of £450 per annum. R practitioners holding A posts are invited to apply, when appointment will be limited to six months.

Previous laboratory experience after graduation is essential.

The successful candidate will work under the direction of the Pathologist and will be required to devote the whole of his time to the Laboratory.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than January 16th.

M. J. HUNTLEY, House Governor and Secretary.

## Northumberland County Council.

HEXHAM EMERGENCY HOSPITAL.

APPOINTMENT OF HOUSE PHYSICIAN (A).

Applications are invited from registered medical practitioners (Male and Female) for the post of House Physician at the above-named Hospital (440 Beds). The duties are mainly in connexion with infants and children, and previous experience in diseases of children will be considered an advantage.

Salary will be at the rate of £200 per annum, with full residential emoluments or an allowance of £100 per annum until residential accommodation is available. The appointment will be for six months, but, except in the case of R practitioners within three months of qualification, who are invited to apply, will be renewable.

Full particulars can be obtained from the undersigned, to whom applications should be sent, stating age, qualifications, and nationality, and enclosing copies of three recent testimonials.

JOHN WALKER, County Medical Officer.

New Senior Council School, Morpeth, 24th December, 1940.

## Northumberland County Council.

WOOLEY SANATORIUM, Near HEXHAM.

APPOINTMENT OF ASSISTANT MEDICAL OFFICER (A).

Applications are invited from registered medical practitioners (Male and Female), including R practitioners within three months of qualification, for appointment as Assistant Medical Officer at the above Sanatorium (180 Beds). The appointment will be for six months, and, except in the case of R practitioners, will be renewable.

The salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, accompanied by copies of two recent testimonials, should be sent to the undersigned not later than January 25th, 1941.

JOHN WALKER, County Medical Officer.

Public Health Department, New Senior School, Morpeth, December 30th, 1940.

## Municipal General Hospital, Burnley.

(250 Beds.)

APPOINTMENT OF JUNIOR RESIDENT MEDICAL OFFICER (A).

Applications are invited from registered medical practitioners, preferably Male, for the above appointment (A), including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Otherwise it will be for a period of twelve months. Salary is at the rate of £150 per annum for the first six months and £200 per annum for the second six months, with full residential emoluments.

Applications, stating age, qualifications with date, and nationality, and accompanied by copies of three recent testimonials, should be sent to the MEDICAL OFFICER OF HEALTH, 27, St. James's-street, Burnley, not later than 10th January, 1941.

## Royal South Hants and Southampton

HOSPITAL.

(319 Beds.)

Applications are invited from registered medical practitioners, Male and Female, for the following appointments:—

HOUSE PHYSICIAN (B2), to become vacant on 31st January, 1941, including R practitioners holding A posts.

CASUALTY OFFICER (A), including R practitioners within three months of qualification.

Appointments will be for a period of six months each. Salary at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, to be sent to the undersigned as soon as possible.

EDWARD L. WIRGMAN, House Governor and Secretary.

## Hospital of St. Cross, Rugby.

(150 average occupied Beds.)

APPOINTMENT OF RESIDENT MEDICAL OFFICERS (A).

Applications are invited from registered medical practitioners (Male) for the appointment of a Resident Medical Officer (A), now vacant; also Resident Medical Officer to commence duty February 1st, 1941, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months, otherwise it will be for a period of six months, at the end of which time applicants will be eligible for reappointment for a further six months. Salary at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

HARVEY RACE, F.C.I.S., F.H.O.A., Superintendent and Secretary.

## City and County of Bristol.

DEPARTMENT OF PUBLIC HEALTH.

HAM GREEN HOSPITAL AND SANATORIUM.

APPOINTMENT OF ASSISTANT RESIDENT MEDICAL OFFICER (B1) (MALE OR FEMALE).

Applications are invited from registered medical practitioners for the appointment of an Assistant Resident Medical Officer. Applicants should have held house appointments. Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply. Salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent to the undersigned forthwith.

R. H. PARRY, Medical Officer of Health.

Department of Public Health, 40, Prince-street, Bristol, 1, 23rd December, 1940.

## Bristol Royal Hospital,

incorporating

BRISTOL ROYAL INFIRMARY and BRISTOL GENERAL HOSPITAL.

Applications are invited for the following Resident appointments for the six months commencing March 1st, 1941:—

4 HOUSE PHYSICIANS.
1 HOUSE PHYSICIAN to the SKIN and RADIOLOGICAL DEPARTMENTS.
8 HOUSE SURGEONS.
2 HOUSE SURGEONS to the CASUALTY DEPARTMENTS.
2 HOUSE SURGEONS to the GYNÆCOLOGICAL DEPARTMENTS.
2 HOUSE SURGEONS to the E.N.T. DEPARTMENT.
1 HOUSE SURGEON to the OUT-PATIENT FRACTURE DEPARTMENT.
1 HOUSE SURGEON to the IN-PATIENT FRACTURE DEPARTMENT.

Salaries at the rate of £80 per annum, except in the case of the Casualty House Surgeons who will receive salaries at the rate of £150 per annum.

Candidates, who must be registered medical practitioners, to send in their applications (on forms to be obtained from the undersigned) which must be returned on or before January 23rd, 1941, together with copies of not more than three testimonials. The elected candidates must become members of a Medical Defence Association before taking up their appointment.

All the above are A posts with the exception of the Casualty House Surgeons, which are B2 posts.

R practitioners within three months of qualification may apply for the A posts and R practitioners holding A posts may apply for the B2 posts.

ELLIS C. SMITH, F.C.I.S., Secretary and House Governor.

Bristol Royal Infirmary.

## Victoria Hospital, Burnley.

APPOINTMENT OF HOUSE SURGEON (A).

Applications are invited from registered Medical Practitioners, Male, for the appointment of House Surgeon (A), to become vacant immediately, including R Practitioners, within three months of qualification. If held by an R Practitioner appointment will be for a period of six months. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

J. E. WHEATCROFT, Secretary.

## County Borough of Walsall.

MANOR HOSPITAL.

TEMPORARY ASSISTANT MEDICAL OFFICER (FEMALE) (B1).

Applications are invited from duly qualified medical Women for the appointment of Assistant Resident Medical Officer at the above Hospital, which contains 330 Beds and has a Teaching School Consultant Staff. Applicants should have held a hospital appointment and have had experience in general medicine.

Commencing salary £350 per annum, rising by annual increments of £25 to a maximum of £425 per annum, together with the usual residential allowances.

The appointment is for a maximum period of four years and is not a superannuable one unless held for a period exceeding two years.

The person appointed will be required to act under the general direction of the Medical Superintendent, from whom any further particulars of the appointment may be obtained.

Forms of application may be obtained from the undersigned and should be returned to me, accompanied by copies of not more than three recent testimonials, immediately.

JAMES A. M. CLARK, Medical Officer of Health.

Health Department, Council House, Walsall,
26th December, 1940.

## The Guest Hospital, Dudley.

(The Resident Staff consists of a Resident Surgical Officer and three House Surgeons.)

Applications are invited from registered medical practitioners, Male, for the appointment of a HOUSE SURGEON (A) now vacant, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Salary at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned forthwith.

H. RAYMOND HURST, House Governor and Secretary.

28th December, 1940.

## The Guest Hospital, Dudley.

(The Resident Staff consists of a Resident Surgical Officer and three House Surgeons.)

Applications are invited from registered medical practitioners, Male, for the appointment of CASUALTY HOUSE SURGEON (A), including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Salary at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

H. RAYMOND HURST, House Governor and Secretary.

28th December, 1940.

## The Chester Royal Infirmary.

(Normal Capacity 225 Beds.)

Applications are invited from registered Medical Practitioners for the appointment of a NON-RESIDENT ORTHOPÆDIC REGISTRAR (B1) to take up duty on 1st February, 1941.

Applicants should have held house appointments and had experience in Orthopædics. Preference will be given to candidates holding diploma of F.R.C.S.

Suitably qualified R Practitioners holding B2 or B1 appointments are invited to apply. Salary is at the rate of £350 per annum, with lunch and tea, and certain other professional emoluments.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than the 16th January, from whom copy of the rules of the appointment may be obtained.

W. H. GRACE, Hon. Secretary, Medical Committee.

## Weston-super-Mare Hospital.

(150 Beds.)

HOUSE SURGEON.

Applications are invited from Medical Practitioners (Male), including R Practitioners within three months of qualification, for the appointment of a House Surgeon (A) to become vacant on January 1st. If held by an R Practitioner the appointment will be limited to six months. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be addressed to the undersigned.

LESLIE J. FURSLAND, Secretary.

## Lincoln County Hospital.

Applications are invited from registered Medical Practitioners, Male, unmarried, including R Practitioners within three months of qualification, for the appointment of JUNIOR HOUSE SURGEON (A). The appointment is for six months. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, nationality, medical school and qualifications with dates, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

ARTHUR MOORE, Secretary-Superintendent.

Lincoln, 30th December, 1940.

## The King Edward VII Welsh National

MEMORIAL ASSOCIATION.

Applications are invited from registered medical practitioners (Male) for the undermentioned appointment, including R practitioners within three months of qualification. If held by an R practitioner the appointment will be for a period of six months. Otherwise it will be for a period of one year.

HOUSE PHYSICIAN (A), at the NORTH WALES SANATORIUM, DENBIGH (247 Beds for pulmonary female patients, and surgical tuberculosis in men, women, and children—excluding 150 E.M.S. Beds for tuberculous Service and ex-Service men).

Salary at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should reach the undersigned not later than Wednesday, January 15th, 1941.

D. A. POWELL, Principal Medical Officer.

Memorial Offices, Cathays Park, Cardiff, December 28th, 1940.

## Royal Salop Infirmary, Shrewsbury.

Applications are invited from fully qualified medical practitioners for the appointment of PATHOLOGIST.

The appointment is full time, and the Pathologist will be responsible for the Pathological, Bacteriological, and Chemical work required by the Royal Salop Infirmary, associated Hospitals and authorities in the district.

Salary £800 per annum, non-resident. In addition the Pathologist will be allowed to undertake private work under certain conditions.

Applications, accompanied by copies of recent testimonials, to be sent at once to the undersigned, from whom any further particulars required can be obtained.

J. W. NOBLE, Secretary-Superintendent.

Board Room, 23rd December, 1940.

## Doncaster Royal Infirmary.

Applications are invited from registered Medical Practitioners, including R Practitioners within three months of qualification, for a HOUSE PHYSICIAN (Male) (A) with care of eye patients required immediately.

The appointment is for six months.

Salary at the rate of £175 per annum, with residence, board, and laundry.

This large industrial area offers excellent opportunities for gaining experience.

Applications, accompanied by not more than three testimonials, to be sent to the undersigned immediately.

R. LANCASTER, Secretary-Superintendent.

## The Corbett Hospital, Stourbridge,

WORCS.

100 Beds, Special Departments and Emergency Beds.
Appointment of HOUSE SURGEON (A).
Appointment of HOUSE PHYSICIAN (A).

Applications are invited from registered medical practitioners, male and female, for the appointment of House Surgeon (A) and House Physician (A) to become vacant on February 1st, 1941, including R practitioners within three months of qualification. The appointments will be made for six months in each case.

Salary is at the rate of £100 per annum for House Surgeon and £125 for House Physician with full residential emoluments.

Applications, stating age, qualifications with dates and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned forthwith.

W. G. H. WESTON, Secretary.

## Blackburn Royal Infirmary.

(244 Beds—5 Residents.)

Appointment of RESIDENT SURGICAL OFFICER (B1).

Applications are invited from registered Medical Practitioners for the appointment of Resident Surgical Officer to become vacant on January 6th, 1941. Applicants should have held house appointments and had surgical experience. Preference will be given to candidates holding diploma of F.R.C.S. Suitably qualified R Practitioners holding B2 or B1 appointments are invited to apply. Salary is at the rate of £250.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent to the undersigned as early as possible.

T. DEWHURST, General Superintendent and Secretary.

## Kent and Sussex Hospital, Royal

TUNBRIDGE WELLS.

APPOINTMENT OF HOUSE SURGEON (B2).

Applications are invited from registered medical practitioners, Male, for the appointment of House Surgeon (B2), to become vacant immediately, including R practitioners who now hold A posts. If held by an R practitioner, appointment will be limited to six months. Salary is at the minimum rate of £175 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

TOM B. HARRISON, Superintendent-Secretary.

27th December, 1940.

## County Borough of Preston.

SHAROE GREEN HOSPITAL.
(250 Beds.)

JUNIOR ASSISTANT RESIDENT MEDICAL OFFICER (FEMALE) (A).

Applications are invited from fully qualified and registered practitioners for the above appointment. Salary at the rate of £150 per annum. The appointment will be for a period of six months.

Applications, stating age, qualifications, experience, and nationality, together with copies of three recent testimonials, should be forwarded to the MEDICAL SUPERINTENDENT, Sharoe Green Hospital, Fulwood, Preston.

## Anæsthetist.

Part-time LECTURER IN ANÆSTHETICS at the WELSH NATIONAL SCHOOL OF MEDICINE and ANÆSTHETIST to the CARDIFF ROYAL INFIRMARY, LLANDOUGH HOSPITAL of the Cardiff County Council, the PRINCE OF WALES' ORTHOPÆDIC HOSPITAL, CARDIFF, and to the EMERGENCY MEDICAL SERVICE, CARDIFF (WHITCHURCH EMERGENCY HOSPITAL).

Applications are invited for this temporary joint appointment due to, and to be held during, the absence of the present permanent holder on war service.

The total emoluments are at the rate of £500 per annum, plus certain fees from the Emergency Medical Service.

Private practice as Anæsthetist is permitted.

Further particulars may be obtained from the undersigned, by whom applications must be received on or before 25th January, 1941.

S. C. EDWARDS, Secretary.

Medical School Office, 10, The Parade, Cardiff.

## Preston and County of Lancaster Queen

VICTORIA ROYAL INFIRMARY.
(General Hospital—404 Normal Beds.)

Applications are invited from single medical Men, including R practitioners holding A posts, for the post of CASUALTY OFFICER (B2) for six months, vacant early February. Salary at the rate of £175 per annum, with the usual residential allowances. Total resident staff, nine.

Applications, stating age, qualifications with dates, nationality, and present post, accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

JOHN GIBSON, Superintendent and Secretary.

## Halifax General Hospital.

(A.1—400 Beds.)

A Post.

Applications are invited from registered medical practitioners, Male and Female, for the appointment of a HOUSE SURGEON (A), to become vacant on February 4th, including R practitioners within three months of qualification. The appointment will be limited to six months. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

THE MEDICAL SUPERINTENDENT.

General Hospital, Halifax.

## County Borough of Birkenhead.

TEMPORARY ASSISTANT SCHOOL MEDICAL OFFICER AND ASSISTANT MEDICAL OFFICER OF HEALTH.

Applications are invited for the position of Temporary Assistant School Medical Officer and Assistant Medical Officer of Health. The salary scale for the position will be £500 per annum, rising by annual increments of £25 to a maximum of £700.

In fixing the commencing salary within the scale regard will be paid to previous recognised service.

The duties will include the inspection and treatment of schoolchildren and maternity and child welfare work.

Applicants must be duly qualified medical practitioners with experience.

The person appointed will be required to pass a medical examination and to reside within the Borough.

Canvassing, either directly or indirectly, will be regarded as a disqualification.

Particulars of the appointment and form of application may be obtained from Dr. D. Morley Mathieson, Medical Officer of Health, 9, Hamilton-square, Birkenhead, and applications endorsed "Assistant Medical Officer" must be received by me not later than 21st January, 1941.

E. W. TAME, Town Clerk.

Town Hall, Birkenhead.

## The Royal Infirmary, Bradford.

Three HOUSE SURGEONS and Two HOUSE PHYSICIANS (A) (Male) wanted 1st March. Six months' appointments. Candidates must be single and legally qualified. R practitioners within three months of qualification invited to apply. Salary £150 per annum, with board, residence, and laundry.

There are 345 Beds and 9 Resident Officers.

Applications, stating age, nationality, qualifications, and previous experience, with copies of recent testimonials, should be sent to the undersigned by 22nd January.

H. TRUSSON, House Governor and Secretary.

2nd January, 1941.

## Rochdale Infirmary and Dispensary,

LANCS. (110 Beds.)

APPOINTMENT OF SECOND HOUSE SURGEON.

The Board of Management invites applications for the appointment of Second House Surgeon (A appointment), including R practitioners within three months of qualification. If held by R practitioner, appointment will be for a period of six months.

Salary attached to the appointment is at the rate of £150 per annum, including board, residence, and laundry.

Applications, stating age, nationality, &c., together with copies of three recent testimonials, to be sent to the Secretary, Rochdale Infirmary.

The successful candidate must be a member of a medical defence society.

W. WYNNE, Secretary.

Infirmary Office, Rochdale.

## Norfolk and Norwich Hospital,

NORWICH. (448 Beds.)

Applications are invited from registered medical practitioners (Male) for the appointment of CASUALTY OFFICER (A post) with charge of beds in the Septic Block. This post is open to R practitioners within three months of qualification, and if held by an R practitioner the appointment would be for a period of six months.

Salary at the rate of £120 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

FRANK INCH, House Governor and Secretary.

10th January, 1940.

## The Kidderminster and District

GENERAL HOSPITAL.

Applications are invited from registered medical practitioners, Male and Female, for the appointment of SENIOR HOUSE SURGEON (B2), to become vacant on 1st February, including R practitioners who now hold A posts. The appointment will be for six months. The salary is at the rate of £175 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than 22nd January, 1941.

C. M. SMITH, House Governor and Secretary.

## West Sussex County Council.

ST. RICHARD'S HOSPITAL, CHICHESTER.

APPOINTMENT OF RESIDENT MEDICAL OFFICER (B1).

Applications are invited from registered medical practitioners (Male) for the post of Resident Medical Officer (vacant in the immediate future) at St. Richard's Hospital, Chichester (678 Beds), in connexion with the Emergency Hospital Scheme. Post-graduate experience in Casualty and Clinical work is essential and candidates should have had at least twelve months' experience since qualification. Preference will be given to candidates holding one of the higher qualifications. Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply.

Salary at the rate of £350 per annum, with full board, lodging, and laundry.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, accompanied by copies of not more than three recent testimonials, should be sent to the undersigned not later than 27th January, 1941.

T. C. HAYWARD, Clerk of the County Council.

County Hall, Chichester, 3rd January, 1941.

## Newark General Hospital.

(66 Normal Beds.)

Applications are invited from registered medical practitioners (Male), including R practitioners within three months of qualification, for the appointment of JUNIOR HOUSE SURGEON (A), now vacant. The appointment is for six months. Salary at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, nationality, qualifications with dates, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

B. C. DION, Secretary-Superintendent.

4th January, 1941.

## Middleton-in-Wharfedale Sanatorium.

TEMPORARY ASSISTANT RESIDENT MEDICAL OFFICER.

Applications are invited for the appointment of a Temporary Assistant Resident Medical Officer at the above Sanatorium. Salary £350–£25–£450 per annum, plus usual residential emoluments.

Applications, in candidate's own handwriting, should be addressed to the County Medical Officer, County Hall, Wakefield, not later than the 20th January, 1941.

J. CHARLES MCGRATH, Clerk of the County Council.

County Hall, Wakefield, January, 1941.

## Kettering and District General HOSPITAL.

APPOINTMENT OF A HOUSE PHYSICIAN (A).

Applications are invited from registered Medical Practitioners, Male and Female, for the appointment of a House Physician (A), to become vacant on 1st February, 1941. R Practitioners within three months of qualification may apply, when appointment will be limited to six months. Salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

G. W. JACKSON, Secretary-Superintendent.

## Hove General Hospital.

APPOINTMENT OF JUNIOR RESIDENT MEDICAL OFFICER (A).

Applications are invited for the above post from registered Medical Practitioners (Male), including R Practitioners within three months of qualification. The appointment is for six months but might be extended in the case of non-R Practitioners. The duties include the charge of a number of beds, medical and surgical, in addition to extensive out-patient and casualty work. Salary is at the rate of £120 per annum, with full residential emoluments and some fees in respect of private patients.

Applications, stating age and qualifications, accompanied by copies of recent testimonials, to reach the undersigned as soon as possible.

R. A. KINGSNORTH, Acting Secretary.

## General Hospital, Nottingham.

(501 Beds.)

Applications are invited from registered Medical Practitioners (Male), including R Practitioners within three months of qualification, for the appointment of RESIDENT CASUALTY OFFICER (A) for the above Hospital—duties to commence early January, 1941. The appointment is for six months. Salary at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and copies of testimonials, should be sent to the undersigned.

HENRY M. STANLEY, House Governor and Secretary.

## Bedford County Hospital.

Applications are invited from registered Medical Practitioners Male and Female, for the appointment of a CASUALTY AND EAR, NOSE AND THROAT OFFICER (A), to become vacant on 1st January, including R Practitioners within three months of qualification. Appointment for a period of six months. Salary £150 per annum, with full residential emoluments.

Application, stating age, qualifications with dates, and nationality, together with three recent testimonials, to be sent to the Secretary, Hon. Medical Staff Committee, as soon as possible.

## Preston and County of Lancaster ROYAL INFIRMARY.

Applications invited from registered medical practitioners for the vacant appointment of HOUSE SURGEON to the OPHTHALMIC and AURAL DEPARTMENTS (A), including R practitioners within three months of qualification. Six months' appointment.

Salary at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and three copies of recent testimonials, to be forwarded to the undersigned as soon as possible.

JOHN GIBSON, Superintendent and Secretary.

## Children's Hospital, Nottingham.

Applications are invited for the post (B1) of RESIDENT HOUSE SURGEON (Woman). The salary will be at the rate of £200 per annum, with apartments, board, and laundry. The appointment will be for six months, duties to commence on the 1st March, 1941.

Applications, together with testimonials, stating age, nationality, qualifications, and experience, to be sent to the HONORARY SECRETARY, 1, King John's-chambers, Bridlesmith-gate, Nottingham, on or before Tuesday, January 21st, 1941. Selected candidates will be required to attend at the Hospital for a personal interview.

## The Stamford, Rutland and General INFIRMARY.

Applications are invited from registered medical practitioners for the post of RESIDENT SURGICAL OFFICER (B2) now vacant. The post is tenable for the period of six months from January, 1941. Suitably qualified R practitioners holding A appointments are invited to apply. Salary is at the rate of £220 per annum, with board and residence.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent to the undersigned forthwith.

H. F. DONALD, Secretary.

The Stamford, Rutland and General Infirmary,
Stamford, Lincs.

## Administrative County of Essex.

APPOINTMENT OF MEDICAL OFFICERS.

The County Council of the Administrative County of Essex invite applications for the following vacant appointments on the medical staffs at the undermentioned Sanatorium and Hospital:—

BLACK NOTLEY SANATORIUM.

SECOND ASSISTANT RESIDENT MEDICAL OFFICER (TEMPORARY) (B1). Salary at the rate of £350–£25–£425. Applicants should have held House appointments and have had experience in the treatment of tuberculosis, particularly surgical tuberculosis, in hospital or sanatorium. Suitably qualified practitioners, including R practitioners holding B2 or B1 appointments, are invited to apply.

JUNIOR RESIDENT MEDICAL OFFICER (B2). Salary at the rate of £250 per annum.

OLDCHURCH COUNTY HOSPITAL, ROMFORD.

Three JUNIOR RESIDENT MEDICAL OFFICERS (B2). Salary at the rate of £250 per annum.

TEMPORARY PART-TIME ORTHOPÆDIC SURGEON. The remuneration offered is at the rate of £200 per annum, together with travelling expenses for one session per week. Applicants should be specially qualified in the treatment of orthopædic cases.

In all the above-mentioned appointments, with the exception of Orthopædic Surgeon, the usual indoor emoluments are provided, valued at £160 per annum.

Increments of salary will be subject to satisfactory service.

The appointments of Junior Resident Medical Officers, for which R practitioners holding A posts may apply, would normally be for a period of one year in each case, but if any of the successful applicants is an R practitioner the appointment will be limited to a period of six months.

The successful applicants will be required to pass a medical examination and, with the exception of the Orthopædic Surgeon, the appointments will be subject to the Council's Sick Pay Rules and Regulations, a copy of which will be forwarded on application.

Applications on the prescribed forms obtainable from the undersigned, with the exception of Orthopædic Surgeon, for which no form is prescribed, accompanied by copies of not more than three recent testimonials which will not be returned, should be addressed to me and delivered at the County Hall, Chelmsford, not later than Friday, the 24th day of January, 1941.

CHRISTIAN BERRIDGE,
Deputy Clerk of the County Council.

County Hall, Chelmsford, 31st December, 1940.

## County Borough of Bournemouth.

FAIRMILE EMERGENCY HOSPITAL, CHRISTCHURCH.

JUNIOR ASSISTANT MEDICAL OFFICER (A).

Applications are invited from registered medical practitioners (Male), including R practitioners within three months of qualification.

The appointment, if held by an R practitioner, will be for a period of six months. Salary is at the rate of £250 per annum, with board and residence.

Applications, stating age, qualifications with dates, and other essential details, accompanied by copies of three recent testimonials, should be sent to me in envelopes endorsed "Medical Officer" not later than January 25th, 1941.

H. GORDON SMITH, Medical Officer of Health.

## Sherburn Hospital, nr. Durham.

Wanted, RESIDENT ASSISTANT MEDICAL OFFICER, B2 (male, unmarried), to commence duties at an early date. Salary £200 per annum, with board, residence, and laundry.

The appointment would suit men working for higher degrees. R practitioners who now hold A posts may apply, when appointment will be limited to six months.

There are 100 Beds for the treatment of chronic, non-contagious diseases (medical and surgical), and a large outpatient department. The officer would be expected to give anæsthetics, and to work under the supervision of the Medical Officer. The appointment will be subject to one calendar month's notice on either side.

Applications, stating age, qualifications, and previous experience, with copies of recent testimonials, to be sent to the undersigned immediately.

STANLEY RITSON, Medical Officer and Surgeon.

Sherburn Hospital, Nr. Durham.

## Bath and Wessex Children's Orthopædic HOSPITAL, Combe Park, BATH.

HOUSE SURGEON (B2) required 1st March, 1941.

The appointment will be for six months, with salary at the rate of £120 per annum, together with quarters, board and laundry.

Orthopædic experience an advantage, together with experience in administering anæsthetics. Suitably qualified R practitioners holding B2 or B1 posts are invited to apply.

Applications, together with copies of three recent testimonials, to be sent to the undersigned by 31st January, 1941.

HAROLD J. FRICKER, Secretary.

31st December, 1940.

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## City of Manchester.

CRUMPSALL HOSPITAL. (1400 Beds.)
(Reorganised under the Regulations for the F.R.C.S.)

APPOINTMENT OF RESIDENT ASSISTANT MEDICAL OFFICER (B2).

Applications are invited from registered medical practitioners, Male and Female, for the above appointment which will become vacant on February 1st, 1941, including R practitioners who now hold A posts. If held by an R practitioner the appointment will be limited to six months. Otherwise it will be for a period of twelve months.

The duties of the appointment are of a surgical nature and candidates must have had experience in surgery. Previous orthopædic experience will be an advantage.

The salary is at the rate of £250 per annum, with full residential emoluments, subject to the Manchester Corporation conditions of service.

Full information and forms of application may be obtained from the Medical Officer of Health, Hospitals Administration Section, P.O. Box 399, Town Hall, Manchester, 2, and applications for the post must be received by him not later than January 22nd, 1941.

Canvassing in any form is prohibited.

R. H. ADCOCK, Town Clerk.

Town Hall, Manchester, 2, January 3rd, 1941.

## City of Manchester.

BOOTH HALL HOSPITAL. (760 Beds.)

APPOINTMENT OF RESIDENT ASSISTANT MEDICAL OFFICER (A).

Applications are invited from registered medical practitioners, Male and Female, for the above appointment which is vacant now, including R practitioners within three months of qualification. The appointment will be for a period of six months, renewable for a further six months. If held by an R practitioner the appointment will be for a period of six months.

The salary for the appointment is at the rate of £200 per annum, or, if held by an R practitioner as above, £125 per annum, with full residential emoluments in addition, subject to the Manchester Corporation conditions of service.

Full information and forms of application may be obtained from the Medical Officer of Health, Hospitals Administration Section, P.O. Box No. 399, Town Hall, Manchester, 2, and applications for the post must be received by him not later than January 22nd, 1941.

Canvassing in any form is prohibited.

R. H. ADCOCK, Town Clerk.

Town Hall, Manchester, 2, January 3rd, 1941.

## The Staffordshire General Infirmary, STAFFORD.

Applications are invited from registered medical practitioners, Male and Female, for the appointment of HOUSE SURGEON (A), to commence duties immediately, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Salary £175 per annum, with board-residence.

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A. E. COLLINS, Secretary.

Stafford, 3rd January, 1941.

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J. LAWRENCE MEARS, Secretary-Superintendent.

4th January, 1941.

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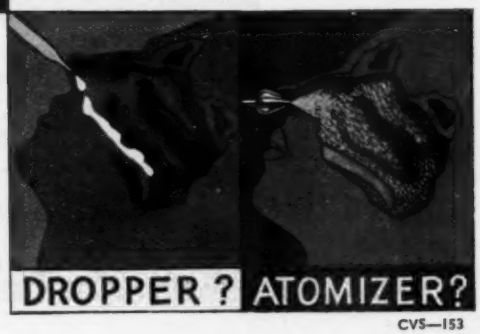


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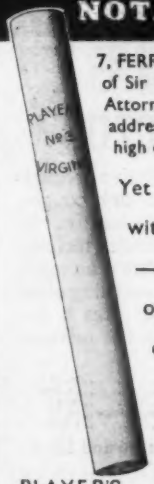


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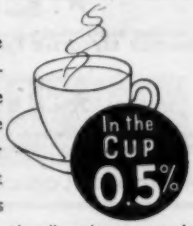


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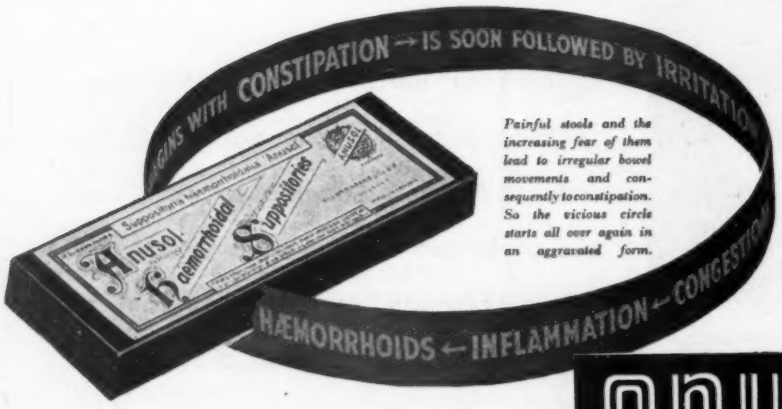


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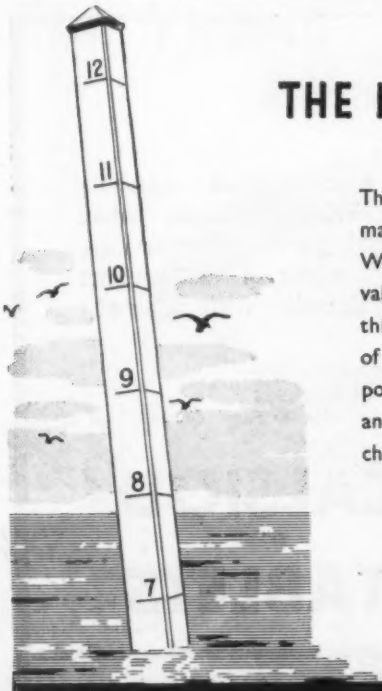


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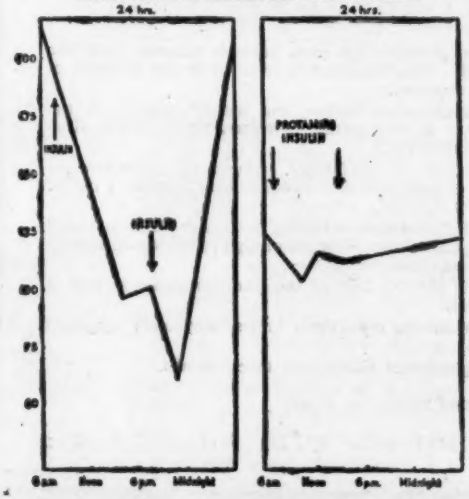


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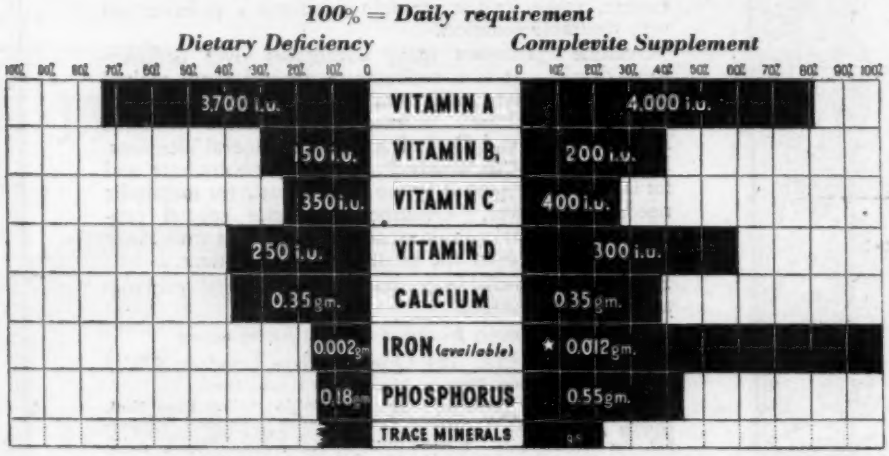


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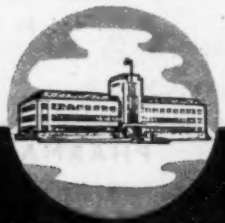

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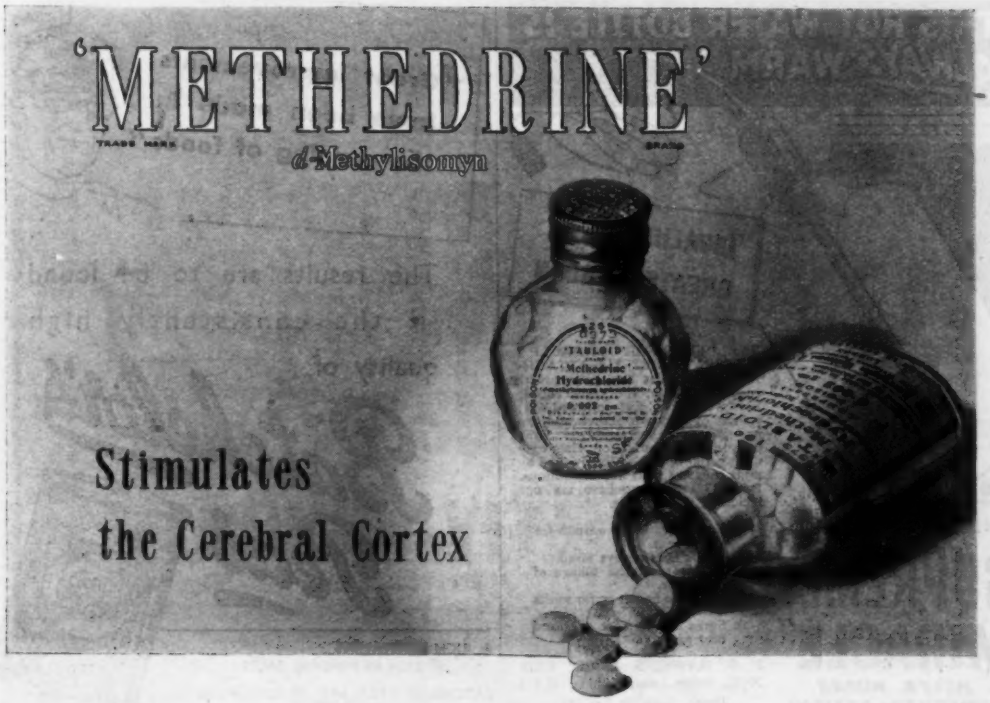


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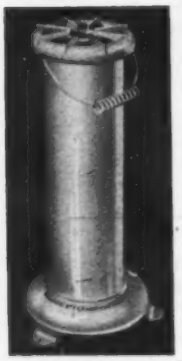

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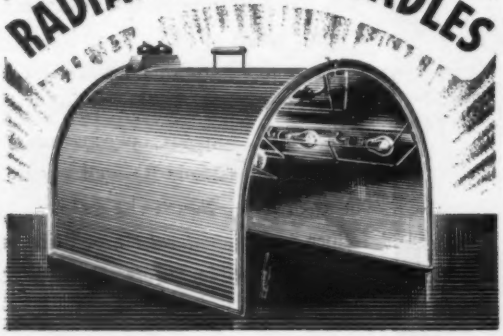

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| Monday, Jan. 20th | 10 A.M. | Introduction. | Mr. C. H. Frankau, C.B.E., D.S.O., M.S., F.R.C.S. |
| | 11.15 A.M. | Types of Abdominal Wounds and their Pathological Consequences. | Mr. V. Zachary Cope, M.S., F.R.C.S. |
| | 12.15 P.M. | Instruments and Appliances for Abdominal Surgery. | Mr. R. H. Franklin, F.R.C.S. |
| | 2 P.M. | Some Notes on Casualties recently seen in the Field. | Col. P. H. Mitchiner, C.B.E., M.S., F.R.C.S. |
| Tuesday, Jan. 21st | 10 A.M. | Injuries of the Kidney and Ureter, including Gunshot Wounds. | Mr. John Everidge, O.B.E., F.R.C.S. |
| | 11.15 A.M. | Injuries of the Bladder, including Gunshot Wounds. | Mr. John Everidge, O.B.E., F.R.C.S. |
| | 1.15 P.M. | Bus to Royal College of Surgeons. | |
| | 2 P.M. | Demonstration of Specimens in War Collection at Royal College of Surgeons. | Mr. R. T. Payne, M.S., F.R.C.S. |
| Wednesday, Jan. 22nd | 10 A.M. | Wounds of Solid Viscera. | Prof. G. Grey Turner, LL.D., D.Ch., M.S., F.R.C.S. |
| | 11.15 A.M. | Gunshot Wounds in the Field. | Lt.-Col. W. Underwood, F.R.C.S. |
| | 12.30 P.M. | X-ray Demonstration. | Dr. J. Duncan White, M.B., Ch.B., D.M.R.E. |
| | 2 P.M. | After-treatment of Abdominal Wounds and Immediate Complications. | Mr. D. M. Douglas, M.S., F.R.C.S. |
| | 3 P.M. | Some Late Complications and Sequelæ. | Mr. D. M. Douglas, M.S., F.R.C.S. |
| Thursday, Jan. 23rd | 10 A.M. | Abdomino-Thoracic Wounds. | Surg. Rear-Admiral Gordon-Taylor, O.B.E., M.S., F.R.C.S. |
| | 11.15 A.M. | Technique of Operation for Abdominal Wounds. | Surg. Rear-Admiral Gordon-Taylor, O.B.E., M.S., F.R.C.S. |
| | 12.30 P.M. | X-ray Demonstration. | Dr. J. Duncan White, M.B., Ch.B., D.M.R.E. |
| | 2 P.M. | Gunshot Wounds of Urethra, etc. | Mr. Clifford Morson, O.B.E., F.R.C.S. |
| | 3.15 P.M. | Gunshot Wounds of External Genitalia. | Mr. Clifford Morson, O.B.E., F.R.C.S. |
| Friday, Jan. 24th | 10 A.M. | Gunshot Wounds of Rectum and Large Bowel. | Mr. G. T. Mullaly, M.C., M.S., F.R.C.S. |
| | 11.15 A.M. | Complications of Gunshot Wounds of Rectum and Large Bowel. | Mr. A. L. Abel, M.S., F.R.C.S. |
| | 12.30 P.M. | Anæsthesia. | Dr. H. Woodfield Davies, L.M.S.S.A. |
| | 2 P.M. | Operative Surgery—Demonstration. | Mr. A. K. Henry, F.R.C.S. |

The fee for the Course will be one guinea, but no fee will be charged in the case of Officers of the Armed Forces and E.M.S. who submit a leave certificate and register their names before the commencement of the Course.

Applications for tickets should be addressed to the Dean, British Postgraduate Medical School, Ducane Road, W.12.


# BROOKE HOUSE, CLAPTON

A PRIVATE HOME for the treatment of Nervous and Mental Disorders in both sexes. Situated in nine acres of Pleasure Grounds.

Voluntary, Temporary, and Certified Patients received.

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*Tel.:* Amherst 1642.


## Examining Board in England

BY THE
ROYAL COLLEGE OF PHYSICIANS OF LONDON
AND THE
ROYAL COLLEGE OF SURGEONS OF ENGLAND.

Notice is hereby given that the following EXAMINATIONS will commence on the dates stated below:—

DIPLOMA IN TROPICAL MEDICINE AND HYGIENE
THURSDAY, FEBRUARY 20TH.

DIPLOMA IN OPHTHALMIC MEDICINE AND SURGERY
MONDAY, FEBRUARY 17TH.

Candidates who have fulfilled the necessary conditions, and who desire to present themselves for examination, must give notice in writing to the Secretary, Examination Hall, 8–11, Queen-square, London, W.C.1, at least twenty-one days before the date of the Examination, transmitting at the same time such certificates as may be required by the Regulations of the Board.

HORACE H. REW, Secretary.

## Royal College of Obstetricians and GYNÆCOLOGISTS.

The next EXAMINATION for the DIPLOMA (D.R.C.O.G.) will be held on MARCH 4TH (Written) and MARCH 18TH (Clinical and Viva Voce).

Application for entrance to the Examination (on the prescribed form obtainable from the Honorary Secretary) must be made not later than Tuesday, February 11th, 1941.

The Examination Fee is £10 10s., and successful candidates will be required to pay a fee of £5 5s. before being granted the Diploma of the College.

58, Queen Anne-street, London, W.1.


# SPRINGFIELD HOUSE

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**For Mental Cases with or without Certificates.**

*Ordinary Terms: Five Guineas per week (including Separate Bedrooms for all suitable cases without extra charge).*

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INTERVIEWS IN LONDON BY APPOINTMENT.

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Accommodation is provided for the reception of PRIVATE PATIENTS of both sexes in three detached Villas, which are healthily and pleasantly situated in extensive grounds with sea views.

Charges from 3 guineas weekly, including all necessaries except clothing.—Apply to the Medical Superintendent and Resident Physician, THOMAS BEATON, O.B.E., M.D., F.R.C.P.

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*Branches:—MANCHESTER: 176, Oxford Road. GLASGOW: 28, Windsor Terrace. DUBLIN: 23, Upper Baggott Street.*

Superior trained Nurses for Medical, Surgical, Mental Dipsomania, Travelling and all cases. Nurses reside on the premises and are always ready for urgent calls Day and Night. Skilled Masseuses, Masseurs, and good Valet attendants supplied. *Terms from £3 13 6. Apply to the Secretary or Lady Supt.*

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*Telephone:* Stamford Hill 2688.

For further particulars apply to the MEDICAL SUPERINTENDENT

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## FENSTANTON, at "FIVE DIAMONDS," Chalfont St. Giles, Bucks.

A Private Home for the Care and Treatment of a limited number of LADIES with Mental and Nervous Disorders. Certified, Voluntary, and Temporary Patients received. Mansion with 12 acres of ground. (*See Medical Directory*, p. 2346.) Apply Resident Physician. Telephone: Little Chalfont 2048. Station: Chalfont and Latimer.

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## HEIGHAM HALL, NORWICH

PRIVATE MENTAL HOME for Nervous and Mental Illness. All forms of treatment available. Fees from 4 gns. per week upwards according to requirements. Vacancies occasionally exist at reduced fees on the recommendation of the patient's own physician.

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## STRETTON HOUSE,

**Church Stretton, Shropshire.**

ESTABLISHED IN 1853.

A PRIVATE HOME for the treatment of gentlemen suffering from Mental and Nervous illness, including the allied Disorders of Alcoholism and the Drug Habit. All types of early Mental and Nervous Cases are received without Certificates as Voluntary Patients under the provisions of the Mental Treatment Act, 1930. Bracing hill country. See "Medical Directory," p. 2358.—Apply to the Medical Superintendent. 'Phone 10 P.O., Church Stretton.

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## THE COPPICE, NOTTINGHAM.

HOSPITAL FOR MENTAL DISEASES.

President: The Right Hon. LORD BELPER.

This Institution is exclusively for the reception of a limited number of PRIVATE PATIENTS of both sexes, of the UPPER and MIDDLE CLASSES, at moderate rates of payment. It is beautifully situated in its own grounds, on an eminence a short distance from Nottingham, and commands an extensive view of the surrounding country; and from its singularly healthy position and comfortable arrangements affords every facility for the relief and cure of those mentally afflicted. Voluntary and Temporary Patients received. Occupational Therapy. For terms, &c., apply to the Medical Superintendent.

Telephone: 64117 Nottingham.

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# VALE OF CLWYD SANATORIUM

This Sanatorium is established for the treatment of Tuberculosis of the Lungs and the Pleural Cavities. It is situated in the midst of a large area of park-land at a height of 450 feet above sea-level, on the South West slopes of mountains rising to over 1800 feet, which protect it from north and east winds and provide many miles of graduated walks with magnificent views. Average rainfall 29·57 per annum. Full day and night Nursing Staffs. X-Ray plant. Every facility for Artificial Pneumothorax and for operations on the chest. Electric Lighting. Central Heating. Home Farm. Grade A Milk from T.T. Herd.

For particulars apply to Medical Superintendent.

H. MORRESTON DAVIES, M.D., M.Ch. (Cantab.), F.R.C.S., Llanbedr Hall, Ruthin, N. Wales.

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# HOLLOWAY SANATORIUM VIRGINIA WATER

**A Registered Hospital for the Treatment of MENTAL DISORDERS of the EDUCATED CLASSES. Founded by THOMAS HOLLOWAY in 1885.**

This Institution is situated in a beautiful and healthy locality within easy reach of London. It is fitted with every comfort. Patients can have Private Bedrooms and Special Nurses as well as the use of General Sitting Rooms, at moderate rates of payment. Voluntary Patients can be admitted.

There is a Branch Establishment at CANFORD CLIFFS, BOURNEMOUTH, where Patients can be sent for a change and be provided with all the comforts of a well-appointed home.

*For Terms, apply to—*

**The RESIDENT MEDICAL SUPERINTENDENT, St. Ann's Heath, Virginia Water, SURREY**

# ST. ANDREW'S HOSPITAL

## FOR NERVOUS AND MENTAL DISORDERS,

## NORTHAMPTON

*FOR THE UPPER AND MIDDLE CLASSES ONLY.*

PRESIDENT: THE MOST HON. THE MARQUESS OF EXETER, K.G., C.M.G., A.D.C.

MEDICAL SUPERINTENDENT: THOMAS TENNENT, M.D., M.R.C.P., D.P.H., D.P.M.

This Registered Hospital is situated in 130 acres of park and pleasure grounds. Voluntary patients, who are suffering from incipient mental disorders or who wish to prevent recurrent attacks of mental trouble; temporary patients, and certified patients of both sexes are received for treatment. Careful clinical, bio-chemical, bacteriological, and pathological examinations. Private rooms with special nurses, male or female, in the Hospital or in one of the numerous villas in the grounds of the various branches can be provided.

### WANTAGE HOUSE

This is a Reception Hospital in detached grounds with a separate entrance, to which patients can be admitted. It is equipped with all the apparatus for the complete investigation and treatment of Mental and Nervous Disorders by the most modern methods; insulin treatment is available for suitable cases. It contains special departments for hydrotherapy by various methods, including Turkish and Russian baths, the prolonged immersion bath, Vichy Douche, Scotch Douche, Electrical baths, Plombieres treatment, etc. There is an Operating Theatre, a Dental Surgery, an X-Ray Room, an Ultra-violet Apparatus, and a Department for Diathermy and High-frequency treatment. It also contains Laboratories for bio-chemical, bacteriological, and pathological research. Psychotherapeutic treatment is employed when indicated.

### MOULTON PARK

Two miles from the Main Hospital there are several branch establishments and villas situated in a park and farm of 650 acres. Milk, meat, fruit, and vegetables are supplied to the Hospital from the farm, gardens, and orchards of Moulton Park. Occupational therapy is a feature of this branch, and patients are given every facility for occupying themselves in farming, gardening, and fruit growing.

### BRYN-Y-NEUADD HALL

The seaside house of St. Andrew's Hospital is beautifully situated in a Park of 330 acres, at Llanfairfechan, amidst the finest scenery in North Wales. On the North-West side of the Estate a mile of sea coast forms the boundary. Patients may visit this branch for a short seaside change or for longer periods. The Hospital has its own private bathing house on the seashore. There is trout-fishing in the park.

At all the branches of the Hospital there are cricket grounds, football and hockey grounds, lawn tennis courts (grass and hard courts), croquet grounds, golf courses, and bowling greens. Ladies and gentlemen have their own gardens, and facilities are provided for handicrafts, such as carpentry, etc.

For terms and further particulars apply to the Medical Superintendent (TELEPHONE: No. 2356 and 2357 Northampton), who can be seen in London by appointment.

# CHEADLE ROYAL HOSPITAL, Cheadle, Cheshire.

**This REGISTERED HOSPITAL, with a SEASIDE BRANCH at Colwyn Bay, N. Wales, is for the treatment and care of those of the Upper and Middle Classes suffering from MENTAL AND NERVOUS DISEASES.**

**The Hospital is governed by a COMMITTEE, appointed by the TRUSTEES of the Manchester Royal Infirmary.**

**In addition to the Main Buildings there are separate villas. Extensive grounds. Hard and grass tennis courts, cricket and croquet grounds, and a court for badminton. There are also wireless installations. Golf may be had within easy distance. Occupational Therapy.**

**VOLUNTARY, TEMPORARY, AND CERTIFIED PATIENTS received.**

**The Hospital is nine miles from Manchester, 80 minutes by rail from Liverpool, and 3½ hours from London.**

**For terms and further particulars apply to the Medical Superintendent, who may be seen in Manchester BY APPOINTMENT.** *Telephone: Gatley* 2231 (3 lines).

# CAMBERWELL HOUSE

**Telegrams: "PSYCHOLIA, LONDON." 33, PECKHAM RD., LONDON, S.E.5. Telephone: Rodney 4242 (3 lines).**

***For the treatment of MENTAL DISORDERS.***

**Also completely detached Villas for Mild Cases, with private suites if desired. Voluntary Patients received. Twenty acres of Grounds. Hard and Grass Tennis Courts, Putting Greens, Bowls, Croquet, Squash Rackets, Recreation Hall with Badminton Court, and all indoor amusements, including Wireless and other Concerts, Occupational Therapy, Calisthenics, and Dancing Classes. X-ray and Actino-therapy, Prolonged Immersion Baths, Operating Theatre, Pathological Laboratory, Dental Surgery, and Ophthalmic Department. Chapel. Shock and also modified Insulin Therapy.**

**Senior Physician: Dr. HUBERT JAMES NORMAN, assisted by a resident Medical Staff, and visiting Consultants.**

**An Illustrated Prospectus, giving fees which are strictly moderate, may be obtained upon application to the Secretary.**

**The Convalescent Branch is Hove Villa, Brighton, and is 200 feet above sea level.**

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**First opened in 1893 and rebuilt in 1925 on the Cotswold Hills seven miles from Cheltenham, for the Treatment of Pulmonary and all other forms of Tuberculosis. Aspect S.S.W., sheltered from North and East, elevation 800 feet. Pure bracing air, SPECIAL TREATMENT by artificial PNEUMOTHORAX (X-ray controlled). TUBERCULINS, and ULTRA-VIOLET RAYS is available when necessary without extra charge. X-RAY plant, Fully Equipped Dental Department, Electric Light Radiators, hot and cold basins and Wireless in all rooms. Up-to-date drainage. Full day & night Nursing Staff. Terms: £5 to £8 Guineas a week inclusive.**

*Med. Supt.:* GEOFFREY A. HOFFMAN, B.A., M.B., T.C. Dub. *Asst. Phys.:* MARGARET A. HARRISON, M.B., B.S. Lond. *Cons. Laryngologist:* G. N. BARKER, F.R.C.S. Edin., D.L.O. *Cons. Dent. Surgeon:* GEORGE V. SAUNDERS, L.D.S.R.C.S. Lond. *Phone:* 81 & 82 Witcombe. Apply: *The Secretary, The Cotswold Sanatorium, Cranham, Gloucester. Telegrams:* "Hoffman, Birdlip."

# COURT HALL, KENTON, near EXETER

FOR THE TREATMENT OF EIGHT LADIES, VOLUNTARY, TEMPORARY AND CERTIFIED PATIENTS

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FOR EARLY AND CONVALESCENT CASES Recreational Therapies are held daily by skilled Leaders

The house stands high with spacious balconies and extensive views of the South Devon Coast. Beautiful garden. Own Dairy in 25 acres. Private road to beach. There is also a charming house, **EBWORTHY, MANATON, DARTMOOR,** situated in 20 acres, 1100 ft. up for bracing moorland air.

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*Telephones*—STARCROSS 259 and TEIGNMOUTH 289

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A Private Clinic, the first in Great Britain, for investigation and treatment of all forms of disease, except infectious and mental

There is a steel and concrete Air Raid Shelter with heating and a lift to all floors

Inclusive charges — Apply SECRETARY — Telephone: Ruthin 66

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The Nursing Home is governed by Trustees; any surplus is utilized to help patients who cannot afford full fees. Extensive grounds. Hydro. Expert Massage and Physical re-education. Dietary treatment. Equipped with every laboratory apparatus for the investigation and treatment of the diseases. Results of the BULGARIAN TREATMENT published (*Lancet*, 1939, 1, 693) approx.: 300 patients treated in the last 3 years. Terms moderate. Further particulars apply Medical Superintendent. Tel.: Rochdale 2960.

# CRICHTON ROYAL, DUMFRIES
## For NERVOUS AND MENTAL DISORDERS

Separate Villa for patients suffering from the effects of alcoholism and drug addiction. Every facility for complete investigation and individual treatment on the most modern lines. Fully equipped gymnasium, golf course, and indoor swimming pool. Specially trained occupational and recreational therapists. **Special Department for Insulin Therapy.** As the hospital is well endowed terms are exceptionally moderate, e.g., First Department from 3 guineas per week, Second Department, 2 and 2½ guineas per week. Voluntary and certified patients are received. Medical Certificates given anywhere in the British Isles are valid for admission of patients. *For prospectus, necessary forms, and further information apply to:—*

Physician Superintendent, P. K. McCowan, J.P., M.D., F.R.C.P., D.P.M., Barrister-at-Law. Tel. Dumfries 1119.

# THE OLD MANOR SALISBURY

*A Private Hospital for the Care and Treatment of those of both sexes suffering from MENTAL DISORDERS.*

Extensive grounds. Detached Villas. Chapel. Garden and Dairy Produce from own farm. Terms very moderate.

**CONVALESCENT HOME AT BOURNEMOUTH** Detached Villas standing in 12 acres of ornamental grounds, with tennis courts, etc., which Voluntary, Temporary or Certified Patients may visit by arrangement for long or short period.

Illustrated Brochure on application to the Medical Superintendent. The Old Manor, Salisbury. Telephone: Salisbury 3216 and 3217.

# HAYDOCK LODGE,
## NEWTON-LE-WILLOWS, LANCASHIRE.

For the reception and treatment of PRIVATE PATIENTS of both sexes of the UPPER AND MIDDLE CLASSES suffering from Mental and Nervous Disorders, Alcoholism and Drug addiction, either voluntarily, temporarily, or under certificate. Patients are classified in separate buildings according to their mental condition. Situated in park and grounds of 400 acres. Self-supported by its own farm and gardens in which patients are encouraged to occupy themselves. Every facility for indoor and outdoor recreation. For terms, prospectus, etc., apply MEDICAL SUPERINTENDENT. *'Phone:* Ashton-in-Makerfield 7311. *Tele. Address:* Street, Ashton-in-Makerfield.

# THE CASSEL HOSPITAL
## FOR FUNCTIONAL NERVOUS DISORDERS

**new address: ASH HALL, BUCKNALL, near STOKE-on-TRENT, STAFFS.** *Telephone:* ASH BANK 15

Owing to existing circumstances the hospital has been transferred from Swaylands, Penshurst, Kent, to the above address for the duration of the war. Ash Hall is situated in the country about 5 miles from Stoke in the direction of Ashbourne.

The hospital will continue to admit for treatment patients of moderate means suffering from psychoneurotic illnesses.

Patients suffering from psychotic illnesses are not eligible for admission.

Further particulars may be obtained by application to the Medical Director at the new address.

# THE MAUDSLEY HOSPITAL, DENMARK HILL, S.E.5.

A CLINIC for Neuroses and Curable Mental Disorder instituted by the London County Council. Facilities for *out-patient treatment only*. Cases seen from 9.30 A.M. to 12 NOON from Monday to Friday inclusive. Inquiries of medical officer in charge at Sutton E. Hospital, Sutton, Surrey. Clinics for children are held at the Maudsley Hospital at 10 A.M. on Mondays.

Out-patient clinics are held also at St. Charles' Hospital, St. Charles' Square, Ladbroke Grove, W.10, at 10 A.M. on Wednesdays and Fridays for adults; at St. Mary (Islington) Hospital, Highgate Hill, N.19, for adults on Tuesdays and Fridays at 2 P.M.; and at Mile End Hospital, Bancroft Road, E.1, for adults on Mondays, Wednesdays, and Fridays at 10 A.M.

Attendance at the Children's Clinics at the Maudsley Hospital and at the Clinics at St. Charles', St. Mary (Islington), and Mile End Hospitals should be by appointment with the Psychiatric Social Worker at Mill Hill E. Hospital, N.W.7.

Hours of attendance subject to alteration.

# PECKHAM HOUSE, 112, Peckham Road, London, S.E.15

**Telegrams: "Alleviated, London"** **Telephone: Rodney 2641-2642**

A Private Mental Hospital, for Ladies and Gentlemen suffering from Nervous and Mental Illness, where the amenities of a comfortable home are combined with full investigation and every well-established modern treatment.

Terms from 3½ guineas weekly.

Illustrated Prospectus may be obtained from the Physician Superintendent.

## MALLING PLACE, KENT

For LADIES and GENTLEMEN of Unsound Mind.

Terms moderate. Apply to Resident Medical Superintendent. Telegrams: ADAM WEST MALLING. Telephone No. 2: MALLING.

## CHISWICK HOUSE,

PINNER, MIDDLESEX.

Telephone: PINNER 234.

A Private Hospital for the Treatment and Care of Mental and Nervous Illnesses in both Sexes.

A modern country house, 12 miles from Marble Arch, in attractive and secluded surroundings. Fees from 10 guineas per week inclusive. Cases under Certificate, Voluntary and Temporary Patients received for treatment.

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## THE GROVE HOUSE,

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Private Home for Ladies mentally ill. Voluntary and Temporary Patients received.

Medical Superintendent: Dr. J. A. MCCLINTOCK

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FARMING and OPEN AIR OCCUPATION for PATIENTS

A few vacancies in 1st and 2nd Class Houses.

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1st Class (men only) from £5 5s. p.w. upwards.

2nd Class (men and women) 32/- p.w.

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## Royal National Orthopædic Hospital,

BROCKLEY HILL, STANMORE, MIDDLESEX.

Applications are invited from registered medical practitioners (Male), including R practitioners holding A posts, for the appointment of RESIDENT HOUSE SURGEON (B2).

There are two vacancies, one on February 1st and the other on March 1st. The appointments are for a period of six months. Salary £200 per annum, with board, quarters, laundry, &c.

Applications, stating age, nationality, qualifications, and previous experience, with copies of testimonials, should be sent to the SECRETARY, Royal National Orthopædic Hospital, 234, Great Portland-street, W.1, not later than Monday, January 20th.

## British Postgraduate Medical School.

(UNIVERSITY OF LONDON.)

Applications are invited from registered medical practitioners, Male and Female, for the appointment of CASUALTY OFFICER (B2), including R practitioners who hold A posts and who have not completed a five months' tenure of those posts. The appointment is limited to six months, but may be extended, except in the case of R practitioners. The salary is at the rate of £150 per annum, without residential emoluments.

Applications, stating age, qualifications with dates, nationality, and accompanied by copies of three recent testimonials, should be sent to the DEAN, British Postgraduate Medical School, Ducane-road, W.12.

## Belgrave Hospital for Children,

1, Clapham-road, S.W.9.

The Committee of Management invite applications from registered medical practitioners (Male or Female), including R practitioners within three months of qualification, for the position of SECOND RESIDENT MEDICAL OFFICER (A), which will become vacant on February 1st.

The appointment is for six months, with board, residence, and laundry provided; salary at the rate of £100 per annum. A successful candidate would become eligible for a further emolument in the First-Aid Post if willing and able to undertake the duties.

Applications, with copies of testimonials, stating age, should be forwarded as soon as possible to

THOMAS CLAPHAM, Secretary.

## Hampstead General Hospital,

Haverstock Hill, N.W.3.

(REGION 5, SECTOR 4—E.M.S.)
At Haverstock Hill, N.W.3.

Applications are invited from single medical Men, including R practitioners holding A posts, for the post of HOUSE SURGEON (B2) for six months, vacant 1st March. Salary £133 6s. 8d. per annum.

At OUT-PATIENT DEPT., Camden Town, N.W.1.

Applications are invited from single medical Women for the post of CASUALTY MEDICAL OFFICER (B2) for six months, vacant 1st February. Salary £100 per annum, plus an allowance at £50 per annum for duties in connexion with the First-Aid Post established there.

Applications on the prescribed form, with copies of three testimonials, to be returned by 21st January.

KENNETH A. F. MILES, Secretary.

## St. Mary's Hospital for Women and

CHILDREN, Upper-road, Plaistow, E.13.

Applications are invited from registered medical practitioners, including R practitioners within three months of qualification, for RESIDENT HOUSE SURGEON (A).

Applications are also invited from registered medical practitioners, including R practitioners now holding A posts, for RESIDENT HOUSE PHYSICIAN (B2).

The appointments are for six months, and candidates must be British by birth and nationality. Salary at the rate of £200 per annum, with board and residence.

Applications, with copies of recent testimonials, to be sent as soon as possible to the undersigned.

A. ERNEST WILKES, Secretary.

## Royal Free Hospital,

Gray's Inn Road, W.C.1.

Applications are invited, including suitably qualified R practitioners holding B2 or B1 appointments, for the post of OBSTETRIC AND GYNÆCOLOGICAL REGISTRAR. Salary £350 per annum.

Applications stating age and accompanied by copies of three recent testimonials should be sent to the undersigned (from whom all information may be obtained) on or before the 8th February, 1941. Duties to commence forthwith from date of appointment.

RICHARD T. BARTLEY, Secretary.

## Middlesex County Council.

RESIDENT JUNIOR ASSISTANT MEDICAL OFFICER (B2) for NORTH MIDDLESEX COUNTY HOSPITAL, Silver-street, Edmonton, N.18.

Applications invited from registered medical practitioners, Male or Female, who have held resident appointments in general hospitals, and also from R practitioners who hold A posts, when appointment will be limited to six months. Salary £250 per annum. Board, lodging and laundry. Whole-time general medical and surgical duties under supervision of Medical Superintendent. Subject to medical examination and one month's notice, is primarily for six months but may be extended for a further six months. Post vacant March, 1941.

Application, stating age, qualifications with dates, nationality, present post and previous appointments, to the undersigned. No application forms provided. Relationship to any member or officer of the Council to be disclosed. Copies of not more than three recent testimonials. Canvassing, directly or indirectly, will disqualify.

Closing date 1st February, 19[illegible].

C. W. RADCLIFFE, "B3," Clerk of the County Council.

Guildhall, Westminster, S.W.1.

## King Edward Memorial Hospital,

Mattock-lane, Ealing, W.13.

Applications are invited from registered medical practitioners for the appointment of a HOUSE PHYSICIAN (A) to become vacant on February 1st, including R practitioners within three months of qualification. The appointment will be for a period of six months. The salary is at the rate of £150 per annum, with usual residential emoluments.

Applications, stating age, qualifications with dates, and nationality, accompanied by copies of two recent testimonials, should be sent to the undersigned immediately.

R. A. MICKELWRIGHT, House Governor.

## Metropolitan Borough of Stepney.

APPOINTMENT OF TWO TEMPORARY ASSISTANT MEDICAL OFFICERS OF HEALTH.

Applications are invited from registered medical practitioners holding a registrable diploma in sanitary science, public health, or State medicine for two appointments of Temporary Assistant Medical Officers of Health, at an inclusive salary of £600 per year, with a car allowance of £50 per year.

The two officers appointed will be required to devote the whole of their time to the duties of the office under the direction of the Medical Officer of Health, which will consist of frequent and regular inspections by day and night of the public air-raid shelters and rest and feeding centres in the district, and such other medical services as the Medical Officer of Health may require of them.

The appointments are subject to one month's notice on either side, and to the Council's Superannuation Scheme insofar as the Local Government Superannuation Act, 1937, may apply.

Applications, on the form provided, together with copies of three recent testimonials, and endorsed on the envelope "Assistant Medical Officer," must be addressed to the undersigned only, and should reach him not later than 27th January, 1941.

Forms and particulars from the undersigned.

Canvassing is prohibited.

W. ERIC ADAMS, A.R.P. Controller.

The Control Centre, Osborn-street, London, E.1.

## The Royal Waterloo Hospital,

Waterloo-road, S.E.1.

Applications are invited from registered medical practitioners (Male) for the appointment of a CASUALTY OFFICER AND HOUSE PHYSICIAN (A), to become vacant on 1st February, 1941, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Salary is at the rate of £125 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than the 28th January, 1941.

J. H. TEASDALE, Secretary.

## Metropolitan Borough of Islington.

APPOINTMENT OF TWO MEDICAL OFFICERS (PART TIME).

Applications are invited from registered medical practitioners, preferably living in or within easy reach of the Borough, for two vacancies for part-time Medical Officers. The salary in each case will be at the rate of £350 per annum, plus a travelling allowance at the rate of £25 per annum.

The duties will consist of regular inspection by day or night, as required, of the Public Shelters in the Borough and of such other medical service as the Civil Defence Committee may require. The appointments will be subject to one month's notice on either side and will not confer any rights under the Council's superannuation scheme.

Applications, together with copies of three testimonials, must be received not later than Friday, 24th January, 1941. The envelope to be endorsed "Medical Officer."

W. ERIC ADAMS, Town Clerk and A.R.P. Controller.

Islington Town Hall, Upper-street, London, N.1,
13th January, 1941.

## Examining Surgeons:

FACTORIES ACT, 1937.

The following appointments as Examining Surgeons under the Factories Act, 1937, are vacant.

Applications should be sent to the Chief Inspector of Factories, Cleland House, Page-street, London, S.W.1.

| *District* | *County* | *Latest date for receipt of applications* |
|---|---|---|
| DARLASTON | STAFFORD | 28th January, 1941 |
| STRETTON | CHESTER | 28th January, 1941 |
| EAST ILSLEY | BERKS. | 28th January, 1941 |

## Royal Free Hospital,

Gray's Inn-road, W.C.1.

Applications are invited for the post of HONORARY ASSISTANT OBSTETRIC SURGEON. Candidates must be Fellows of the Royal College of Surgeons of England. The appointment is a temporary one for the duration of the war.

Applications, accompanied by copies of three recent testimonials, should be sent to the undersigned on or before the 8th February, 1941. RICHARD T. BARTLEY, Secretary.

## Royal Free Hospital,

Gray's Inn-road, W.C.1.

Applications are invited from registered medical practitioners for the appointment of RESIDENT ASSISTANT REGISTRAR (B1). The duties will comprise mainly those of Casualty Officer.

Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply. Salary £550 per annum, payable by the Ministry of Health.

Applications, stating age, and accompanied by copies of three recent testimonials, should be sent to the undersigned (from whom all information may be obtained) on or before 8th February, 1941. Duties to commence 1st March, 1941.

RICHARD T. BARTLEY, Secretary.

## St. John's Hospital, Lewisham,

S.E.13.

Applications are invited from registered medical practitioners for the appointment of RESIDENT SURGICAL OFFICER (Male), to become vacant on February 1st, 1941. Applicants should have held house appointments and had surgical experience. Preference will be given to candidates holding Diploma of F.R.C.S. Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply. Salary £200, plus panel fees for resident female staff.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

J. C. GILBERT, Secretary-Superintendent.

## St. John's Hospital, Lewisham,

S.E.13.

Applications are invited from registered medical practitioners, Male or Female, for the appointment for six months of a HOUSE SURGEON and a CASUALTY OFFICER (A) to become vacant on February 1st next, including R practitioners within three months of qualification. Salary £100 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent as soon as possible to the undersigned.

J. C. GILBERT, Secretary-Superintendent.

## Middlesex County Council.

RESIDENT CASUALTY OFFICER (B1) for CENTRAL MIDDLESEX COUNTY HOSPITAL, Acton-lane, Willesden, N.W.10.

Applications invited from registered medical practitioners (including suitably qualified R practitioners in B2 or B1 posts) who have held house appointments in general hospitals and had good all-round but particularly surgical experience. Salary £350 per annum. Emoluments: board, lodging and laundry. Whole-time duties under Medical Superintendent will include dealing with casualties and admission to hospital and such other duties as may be required. Subject to medical examination and one month's notice, is for six months in the first instance but may be extended for a further six months. Post vacant end of February.

Application, stating age, nationality, qualifications with dates, experience and details of previous appointments, to the undersigned. No application forms provided. Relationship to any member or officer of the Council to be disclosed. Copies of not more than three recent testimonials. Canvassing, directly or indirectly, will disqualify.

Closing date 1st February, 1941.

C. W. RADCLIFFE, "B3," Clerk of the County Council.

Guildhall, Westminster, S.W.1.

## Middlesex County Council.

RESIDENT CASUALTY OFFICER (B1) for NORTH MIDDLESEX COUNTY HOSPITAL, Silver-street, Edmonton, N.18.

Applications invited from registered medical practitioners (including suitably qualified R practitioners in B2 or B1 posts) who have held house appointments in general hospitals and had good all-round experience. Salary £350 per annum. Board, lodging and laundry. Whole-time duties under Medical Superintendent will include dealing with casualties and admissions to hospital and such other duties as may be required. Opportunity for major surgery. Subject to medical examination and one month's notice, is primarily for six months, but may be extended for further six months. Post vacant March, 1941. Hours of duty are 10 A.M. to 6 P.M. daily, with Saturday afternoons and Sundays free.

Application, stating age, nationality, qualifications with dates, experience and details of previous appointments to the undersigned. No application forms provided. Relationship to any member or officer of Council to be disclosed. Copies of not more than three recent testimonials. Canvassing, directly or indirectly, will disqualify.

Closing date 1st February, 1941.

C. W. RADCLIFFE, "B3," Clerk of the County Council.

Guildhall, Westminster, S.W.1.

## Middlesex County Council.

RESIDENT JUNIOR ASSISTANT MEDICAL OFFICER (B2) for REDHILL COUNTY HOSPITAL, EDGWARE. Applications invited from registered medical practitioners, Male or Female (including R practitioners who hold A posts and have not completed five months' tenure of these posts), who have held resident appointments in general hospitals. Salary £250 per annum, board, lodging, and laundry. Whole-time duties, mainly surgical, under supervision of Medical Superintendent. Subject to medical examination and one month's notice, is primarily for six months, but may be extended for further six months. Post now vacant.

Applications, stating age, qualifications with dates, nationality, present post, and previous appointment, to be made to the undersigned.

No application forms provided. Relationship to any member or officer of the Council. Copies of not more than three recent testimonials. Canvassing directly or indirectly will disqualify. Closing date 25th January.

C. W. RADCLIFFE, "B3," Clerk of the County Council.

Guildhall, Westminster, S.W.1.

# HIS MAJESTY'S COLONIAL SERVICE

## THE COLONIAL MEDICAL SERVICE

## VACANCIES FOR MEDICAL OFFICERS

**The maintenance of an efficient Colonial Medical Service constitutes a vital part of the national war effort and it is most important that the Service should be assured of an adequate supply of doctors.**

**The Secretary of State for the Colonies therefore invites applications from doctors possessing a medical qualification registrable in the United Kingdom who are British subjects and who are under thirty-five years of age.**

**Medical Officers are appointed in the first instance for general service. But there are ample opportunities for work in special branches of medicine and surgery, in public health and in medical research.**

**The normal salary scale is from £600 to between £1,000 and £1,120. There are large numbers of super-scale posts to which promotion is made on merit and which carry higher salaries.**

**Government quarters, in many cases free of rent, and first-class passages to and from the Colonies are provided, and an adequate pension scheme is in force.**

**Selected candidates are normally required to attend a course of instruction in Tropical Medicine and Hygiene either before proceeding overseas or during their first period of leave.**

**Further particulars, including the regulations governing admission to the Colonial Medical Service, may be obtained from the Director of Recruitment (Colonial Service), 29, Queen Anne's-gate, London, S.W.1.**

## The Hostel of St. Luke, Clergy

NURSING HOME, 14 Fitzroy Square, London, W.1.

APPOINTMENT OF RESIDENT MEDICAL OFFICER (B2).

Applications are invited from registered Medical Practitioners (Male and Female), British nationality, for the appointment of Resident Medical Officer (B2), including R Practitioners who now hold A posts. If held by an R Practitioner the appointment will be limited to six months, otherwise it will be for a period of six months and may be renewable for a further period of six months. The salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and recent post, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

J. A. CAMPBELL, Surgeon-Captain, R.N. retired, Secretary.

## The Royal Masonic Hospital,

Ravenscourt-park, W.6.

A post of RESIDENT MEDICAL OFFICER (B1), Male, is now vacant. Salary at the rate of £300 per annum, with board, residence, and laundry. The appointment is for twelve months. Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply. Candidates must be registered and must have held resident appointments at a General Hospital. The Royal Masonic Hospital is primarily for paying patients of both sexes of moderate means, usually unable to afford ordinary Nursing Home treatment, &c. Military work is being done in addition to the civilian work.

Applications, stating full particulars, to be sent immediately to the HONORARY SECRETARIES, from whom further information may be obtained.

## Royal Sheffield Infirmary and

HOSPITAL.

THE ROYAL INFIRMARY, SHEFFIELD, 6.

Applications are invited from registered medical practitioners, Male and Female, for the following appointments :—

HOUSE SURGEON (A),
ASSISTANT CASUALTY OFFICER (A),

now vacant, including R practitioners within three months of qualification. The appointments will be tenable for six months. Salary is at the rate of £80 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned forthwith.

H. KINGSLEY PEARCE,
General Superintendent and Secretary.

11th January, 1941.

## City of Stoke-on-Trent Education

COMMITTEE.

ASSISTANT SCHOOL MEDICAL OFFICER
(Male or Female).

Applications are invited from fully qualified and registered medical practitioners for the post of Assistant School Medical Officer.

The successful candidate will be required to carry out nutritional surveys in children of school age and supervise the dietary of the Feeding Centres. Experience in dietetics and physiology is essential.

Salary scale : £500 to £700 per annum, by annual increments of £25, subject to satisfactory service. A car allowance is made.

The work will be under the immediate direction of the Senior School Medical Officer. The appointment is subject to three months' notice on either side and to the Local Government Superannuation Act, 1937. Canvassing will be considered a disqualification.

Forms of application may be obtained from the undersigned on receipt of a stamped, addressed foolscap envelope. Completed forms should be submitted not later than 1st February, 1941. Envelopes should be endorsed "Appointment of Assistant School Medical Officer."

J. F. CARR, Director of Education.

Education Offices, Town Hall, Hanley, Stoke-on-Trent.

## Borough of Barking.

ASSISTANT MEDICAL OFFICER OF HEALTH AND ASSISTANT SCHOOL MEDICAL OFFICER.

Applications are invited from qualified medical practitioners for the above appointment.

The principal duties will consist of maternity and child welfare work, medical inspection and treatment of school-children, the treatment of infectious fevers, &c., the whole of which will be carried out under the directions of the Medical Officer of Health, who is also the School Medical Officer.

The Officer appointed will be required to devote whole time to official duties and to reside within the Borough of Barking. The appointment will be subject to one month's notice on either side.

The salary will be in accordance with the scale, £500 to £700 per annum, rising by annual increments of £25, and the commencing salary will be decided in accordance with the experience of the successful applicant.

At the present the post carries a cost-of-living bonus equivalent to 6 per cent. on the first £300 of salary plus 3 per cent. on salary in excess of £300, or 3 per cent. on £200, whichever is the less.

The appointment will be subject to the provisions of the Local Government Superannuation Act, 1937. A candidate will not be appointed until he has satisfactorily passed a medical examination.

Application forms may be obtained from the undersigned, to whom they should be returned endorsed "Assistant Medical Officer of Health," with copies of not more than three recent testimonials, not later than the 3rd February, 1941.

E. R. FARR, Town Clerk.

Town Hall, Barking.

## Croydon General Hospital.

APPOINTMENT OF CASUALTY HOUSE SURGEON (A).

Applications are invited from registered medical practitioners, including R practitioners within three months of qualification, for the appointment of a Casualty House Surgeon (A). The appointment will be for six months. Salary at the rate of £200 per annum, with board, residence, and laundry.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than 27th January, 1941.

GEORGE H. DAMS, House Governor and Secretary.

9th January, 1941.

## Grimsby and District Hospital.

APPOINTMENT OF HOUSE PHYSICIAN (A).

Applications are invited from Male registered medical practitioners for the appointment of a House Physician (A), including R practitioners within three months of qualification. If held by an R practitioner, appointment will be limited to six months. Salary is at the rate of £175 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

H. B. COATES, Secretary-Superintendent.

January 13th, 1941.

## Winterton Emergency Hospital.

APPOINTMENT OF HOUSE PHYSICIANS (A).
APPOINTMENT OF HOUSE SURGEONS (A).

Applications are invited from registered medical practitioners (Male or Female), including R practitioners within three months of qualification, for appointments as House Surgeons or House Physicians at the above Hospital (1100 Beds). Appointments will be for six months and, except in the case of R practitioners, will be renewable.

The salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, accompanied by copies of two recent testimonials, should be forwarded to the MEDICAL SUPERINTENDENT, Winterton Emergency Hospital, Sedgefield, Co. Durham.

## Royal Hampshire County Hospital,
WINCHESTER.
(415 Beds increasing to 450.)

Applications are invited from registered medical practitioners, including R practitioners within three months of qualification, for the post of RESIDENT CASUALTY OFFICER AND ANÆSTHETIST (A post), to become vacant immediately. The appointment will be for a period of six months. Salary is at the rate of £175 a year, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

H. EWART MITCHELL, Superintendent and Secretary.

## Royal National Sanatorium,
BOURNEMOUTH.

Applications are invited from registered medical practitioners for the appointment of a RESIDENT ASSISTANT MEDICAL OFFICER (B2), to become vacant on March 1st next, including R practitioners who now hold A posts. If held by an R practitioner the appointment will be limited to six months. Otherwise it will be for one year. Salary £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of recent testimonials, should be sent to the undersigned not later than January 27th.

A. G. A. MAJOR, Secretary.

## Surrey County Council.
PUBLIC HEALTH DEPARTMENT.

EPSOM COUNTY HOSPITAL. (400 Beds, mainly acute.)

ASSISTANT MEDICAL OFFICER (B1).

Applications are invited from registered medical practitioners for the appointment of Assistant Medical Officer at the Epsom County Hospital, Dorking-road, Epsom. Suitably qualified R practitioners holding B2 or B1 appointments may apply.

The Medical Officer appointed must have had considerable previous experience in surgical appointments and should preferably possess a higher surgical qualification.

The appointment will be available for the duration of the war and will be terminable by one month's notice on either side. The salary scale is £350 per annum, rising by annual increments of £25 to a maximum of £450 per annum, together with full residential emoluments valued at £125 per annum, and the commencing salary will be fixed at a point on this scale according to the qualifications and experience of the successful candidate.

Applications, stating age, qualifications, and experience, and enclosing copies of not more than three recent testimonials, should be addressed to the Medical Superintendent, Epsom County Hospital, Dorking-road, Epsom, so as to be received not later than the 29th January, 1941.

DUDLEY AUKLAND, Clerk of the Council.

County Hall, Kingston-upon-Thames, 17th January, 1941.

## Southend-on-Sea General Hospital.

Applications are invited for the following appointment :—

HOUSE SURGEON (B2), Male,

including R practitioners holding A posts.

The appointment is for six months. Salary at the rate of £150 per annum, with board, lodging, &c.

Applications, giving names of three referees or copies of testimonials, to be sent to the undersigned as soon as possible.

P. H. CONSTABLE, House Governor and Secretary.

## Northampton General Hospital.
(381 Beds.)

Applications are invited from registered medical practitioners, and R practitioners within three months of qualification, for the appointment of HOUSE SURGEON to the EAR, NOSE AND THROAT DEPARTMENT (A).

If held by an R practitioner the appointment will be for a period of six months.

Salary is at the rate of £150 per annum, with board, residence and laundry.

Candidates must be of British nationality.

Applications, stating age, qualifications and dates, with copies of three testimonials, should be sent to the undersigned as soon as possible.

GORDON S. STURTRIDGE, M.B., B.S., Superintendent.

13th January, 1941.

## Rural District Council of Dartford.

FEMALE PART-TIME MEDICAL OFFICER.

The Council invite applications for the appointment of a Female part-time Medical Officer at a salary of not less than £250 per annum.

The successful candidate will be under the general direction of the Medical Officer of Health, but the duties will be mainly in connexion with the Council's Maternity and Child Welfare work.

Applications, on forms to be obtained from the undersigned, should reach me not later than 10 A.M. on the 28th day of January, 1941, endorsed "Medical Officer."

ERNEST JAMES, Clerk to the Council.

Council Offices, West Hill, Dartford, 13th January, 1941.

## Chesterfield and North Derbyshire
ROYAL HOSPITAL.
(220 Beds. 160 E.M.S. Beds.)

APPOINTMENT OF A HOUSE PHYSICIAN (A).

Applications are invited from registered Male medical practitioners for the appointment of a House Physician (A), vacant now. R practitioners within three months of qualification may apply, when appointment will be limited to six months.

Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

M. H. BOONE, House Governor and Secretary.

8th January, 1941.

## Emergency Hospital, Powick,
attached to WORCESTER COUNTY AND CITY MENTAL HOSPITAL, POWICK, near WORCESTER.

APPOINTMENT OF MALE RESIDENT SURGICAL OFFICER (B2).

Applications are invited from registered medical practitioners for the above post. The Hospital contains 350 Beds under the Emergency Hospital Scheme. Applicants should have held House appointments and had surgical experience. If held by an R practitioner the appointment will be for a period of six months. The appointment is determinable by one month's notice on either side. Salary at the rate of £350 per annum, with furnished apartments, board, attendance, and laundry.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent to the Medical Superintendent, address as above.

L. HISCOCK, Clerk of the Hospital.

## Addenbrooke's Hospital, Cambridge.

APPOINTMENT OF HOUSE PHYSICIAN (A).

Applications are invited from registered medical practitioners, Male and Female, for the appointment of House Physician (A), to become vacant early in February, including R practitioners within three months of qualification. The appointment will be for a period of six months, but is terminable at an earlier date by one month's notice on either side. Salary is at the rate of £130 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than Wednesday, January 29th, 1941.

J. A. BEARDSALL, Secretary-Superintendent.

## The Prince of Wales's Hospital,
Greenbank-road, PLYMOUTH.
(Formerly South Devon and East Cornwall Hospital.)

Applications are invited from registered medical practitioners for the appointment of a HOUSE PHYSICIAN (A), to become vacant on 10th March, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Salary is at the rate of £132 per annum, with full residential emoluments.

Applications are also invited from registered medical practitioners for the appointment of RESIDENT ANÆSTHETIST AND HOUSE SURGEON to the SPECIAL DEPARTMENTS (B2), to become vacant on 10th March, including R practitioners who now hold A posts. If held by an R practitioner the appointment will be limited to six months. Salary is at the rate of £132 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than 31st January.

ARTHUR R. CASH, General Superintendent.

13th January, 1941.

## City of Nottingham.

DIPHTHERIA IMMUNISATION.

Two medical practitioners (Male or Female) are required for whole-time service, the appointments being of a temporary nature, subject to one month's notice on either side.

The duties consist of the immunisation of children against diphtheria, in schools and clinics; probably there will be some immunisation against typhoid for a limited number of adults.

Applicants must be systematic workers, capable of dealing with large numbers in a short time.

Salary at the rate of £500 per annum.

Applications should be made forthwith on forms which may be obtained from the undersigned.

J. E. RICHARDS, Town Clerk.

Guildhall, Nottingham, 13th January, 1941.

## King Edward VII. Hospital, Windsor.

Applications are invited from registered medical practitioners, including R practitioners within three months of qualification, for the appointment of CASUALTY OFFICER (A). If held by R practitioners, the appointment will be for a period of six months. The salary is at the rate of £120 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, together with copies of three recent testimonials, should be sent to the undersigned as soon as possible.

GEORGE WESTON, Secretary.

# North Riding of Yorkshire.

COUNTY MEDICAL OFFICER OF HEALTH AND SCHOOL MEDICAL OFFICER.

The North Riding County Council invite applications from duly qualified medical practitioners, registered in the Medical Register as the holder of a Diploma in Sanitary Science, Public Health, or State Medicine, for appointment as County Medical Officer of Health and School Medical Officer.

The person appointed will be required to devote his whole time to the duties of the office which are prescribed by Statute, and which may be prescribed by the County Council from time to time, and will be required to reside in such place within the Riding as the Council may decide.

The salary will be £1200 per annum, together with travelling allowance in accordance with the scale prescribed by the County Council. Staff and office accommodation will be provided by the County Council.

The post is subject to the Local Government Superannuation Act, 1937, and the successful candidate will be required to pass satisfactorily a medical examination.

The appointment will be subject to three months' notice on either side.

A general statement of the duties and terms of appointment may be obtained from the undersigned.

Applications, stating age, qualifications, and experience, accompanied by copies of three recent testimonials, should reach the undersigned by not later than 27th January, 1941, endorsed "Medical Officer of Health."

Canvassing members of the County Council will be deemed a disqualification.

HUBERT G. THORNLEY, Clerk of the County Council.

County Hall, Northallerton, Yorks., 3rd January, 1941.

# Borough of Ilford.

APPOINTMENT OF ASSISTANT DENTAL SURGEON.

Applications are invited from registered dental surgeons of either sex holding a degree or diploma in Dental Surgery for the above whole-time appointment at a commencing salary of £450 per annum, rising by annual increments of £25 to a maximum of £500 per annum.

The duties will be mainly connected with the dental inspection of school-children, but the officer appointed will be required also to assist when necessary with the other dental services of the Council.

The appointment is subject to the provisions of the Local Government Superannuation Acts and to formal agreement, and the selected applicant will be required to pass a medical examination to the satisfaction of the Medical Officer of Health. The appointment will also be subject to three months' notice on either side.

Forms of application, together with the conditions of appointment and list of duties, may be obtained from the undersigned.

Applications on the prescribed form, together with copies of two recent testimonials, must be received by me in an envelope endorsed "Assistant Dental Surgeon" at the Town Hall, Ilford, not later than the 22nd January, 1941.

Canvassing directly or indirectly will be a disqualification.

CHARLES N. ROBERTS, Town Clerk.

Town Hall, Ilford, 4th January, 1941.

# Surrey County Council.

PUBLIC HEALTH DEPARTMENT.

EPSOM COUNTY HOSPITAL, Dorking Road, Epsom (350 Beds).

ASSISTANT RESIDENT OBSTETRICIAN (B1).

Applications are invited for the above post, which will be available either for the duration of the war or until the return of the present holder who is joining the services. The new maternity unit at the Epsom County Hospital is about to be opened and will provide 54 beds and an ante-natal department.

Candidates must have held an obstetrical appointment and should preferably possess a higher qualification. Suitably qualified R practitioners holding B2 or B1 posts are invited to apply.

Salary £350 p.a., rising by annual increments of £25 to £450 p.a., plus full residential emoluments valued for superannuation purposes at £125 p.a.

Applications giving particulars of age, qualifications, and experience, and enclosing copies of not more than three recent testimonials, should be sent to the Medical Superintendent of the Hospital, Mr. G. F. Stones, F.R.C.S.E., so that he receives them not later than 22nd January, 1941.

DUDLEY AUKLAND, Clerk of the Council.

County Hall, Kingston-upon-Thames, 10th January, 1941.

# Rochdale Infirmary and Dispensary,

LANCS. (110 Beds.)

APPOINTMENT OF SECOND HOUSE SURGEON.

The Board of Management invites applications for the appointment of Second House Surgeon (A appointment), including R practitioners within three months of qualification. If held by R practitioner, appointment will be for a period of six months.

Salary attached to the appointment is at the rate of £150 per annum, including board, residence, and laundry.

Applications, stating age, nationality, &c., together with copies of three recent testimonials, to be sent to the Secretary, Rochdale Infirmary.

The successful candidate must be a member of a medical defence society.

W. WYNNE, Secretary.

Infirmary Office, Rochdale.

# City of Leicester.

CITY GENERAL HOSPITAL.

APPOINTMENT OF A JUNIOR RESIDENT MEDICAL OFFICER (A).

Applications are invited from registered medical practitioners for the appointment of a Junior Resident Medical Officer for mainly surgical duties, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be limited to six months. Otherwise it will be for a period of six months and renewable for a further six months. Salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, nationality, qualifications, and experience, with dates, and accompanied by copies of three recent testimonials, should be sent to the undersigned at once.

E. K. MACDONALD, Medical Officer of Health.

Health Department, Grey Friars, Leicester, January, 1941.

# The Corbett Hospital, Stourbridge,

WORCS.

100 Beds, Special Departments and Emergency Beds.
Appointment of HOUSE SURGEON (A).
Appointment of HOUSE PHYSICIAN (A).

Applications are invited from registered medical practitioners, male and female, for the appointment of House Surgeon (A) and House Physician (A) to become vacant on February 1st, 1941, including R practitioners within three months of qualification. The appointments will be made for six months in each case.

Salary is at the rate of £100 per annum for House Surgeon and £125 for House Physician with full residential emoluments.

Applications, stating age, qualifications with dates and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned forthwith.

W. G. H. WESTON, Secretary.

# The Lawn, Lincoln.

(Registered Hospital for Mental and Nervous Diseases.)

The Governors invite applications for the post of MEDICAL SUPERINTENDENT (Male or Female) of the above Hospital. Commencing salary £650 per annum, with war bonus, and full board and house partly furnished. Special qualifications will receive consideration.

Applications, stating age, previous experience, and copies of testimonials, to be sent to THE CHAIRMAN OF GOVERNORS, The Lawn, Lincoln, on or before Monday, the 27th January, 1941.

# The Lawn, Lincoln.

(Registered Hospital for Mental and Nervous Diseases.)

Applications are invited from registered medical practitioners, including R practitioners who now hold A posts, for an ASSISTANT MEDICAL OFFICER (B2), one with previous mental hospital experience preferred. If held by an R practitioner, appointment will be limited to six months. Salary £300 per annum, with emoluments.

Apply, THE CHAIRMAN OF GOVERNORS, The Lawn, Lincoln.

# Norfolk and Norwich Hospital,

NORWICH. (448 Beds.)

Applications are invited from registered medical practitioners (Male) for the appointment of CASUALTY OFFICER (A post) with charge of beds in the Septic Block. This post is open to R practitioners within three months of qualification, and if held by an R practitioner the appointment would be for a period of six months.

Salary at the rate of £120 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

FRANK INCH, House Governor and Secretary.

10th January, 1941.

# West Sussex County Council.

ST. RICHARD'S HOSPITAL, CHICHESTER.

APPOINTMENT OF RESIDENT MEDICAL OFFICER (B1).

Applications are invited from registered medical practitioners (Male) for the post of Resident Medical Officer (vacant in the immediate future) at St. Richard's Hospital, Chichester (678 Beds), in connexion with the Emergency Hospital Scheme. Post-graduate experience in Casualty and Clinical work is essential and candidates should have had at least twelve months' experience since qualification. Preference will be given to candidates holding one of the higher qualifications. Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply.

Salary at the rate of £350 per annum, with full board, lodging, and laundry.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, accompanied by copies of not more than three recent testimonials, should be sent to the undersigned not later than 27th January, 1941.

T. C. HAYWARD, Clerk of the County Council.

County Hall, Chichester, 3rd January, 1941.

## Administrative County of Essex.

APPOINTMENT OF MEDICAL OFFICERS.

The County Council of the Administrative County of Essex invite applications for the following vacant appointments on the medical staffs at the undermentioned Sanatorium and Hospital:—

BLACK NOTLEY SANATORIUM.

SECOND ASSISTANT MEDICAL OFFICER (TEMPORARY) (B1). Salary at the rate of £350–£25–£425. Applicants should have held House appointments and have had experience in the treatment of tuberculosis, particularly surgical tuberculosis, in hospital or sanatorium. Suitably qualified practitioners, including R practitioners holding B2 or B1 appointments, are invited to apply.

JUNIOR RESIDENT MEDICAL OFFICER (B2). Salary at the rate of £250 per annum.

OLDCHURCH COUNTY HOSPITAL, ROMFORD.

Three JUNIOR RESIDENT MEDICAL OFFICERS (B2). Salary at the rate of £250 per annum.

TEMPORARY PART-TIME ORTHOPÆDIC SURGEON. The remuneration offered is at the rate of £200 per annum, together with travelling expenses for one session per week. Applicants should be specially qualified in the treatment of orthopædic cases.

In all the above-mentioned appointments, with the exception of Orthopædic Surgeon, the usual indoor emoluments are provided, valued at £160 per annum.

Increments of salary will be subject to satisfactory service.

The appointments of Junior Resident Medical Officers, for which R practitioners holding A posts may apply, would normally be for a period of one year in each case, but if any of the successful applicants is an R practitioner the appointment will be limited to a period of six months.

The successful applicants will be required to pass a medical examination and, with the exception of the Orthopædic Surgeon, the appointments will be subject to the Council's Sick Pay Rules and Regulations, a copy of which will be forwarded on application.

Applications on the prescribed forms obtainable from the undersigned, with the exception of Orthopædic Surgeon, for which no form is prescribed, accompanied by copies of not more than three recent testimonials which will not be returned, should be addressed to me and delivered at the County Hall, Chelmsford, not later than Friday, the 24th day of January, 1941.

CHRISTIAN BERRIDGE,
Deputy Clerk of the County Council.

County Hall, Chelmsford, 31st December, 1940.

## County Borough of Southend-on-Sea.

SOUTHEND MUNICIPAL HOSPITAL,
ROCHFORD, ESSEX.

RESIDENT ASSISTANT MEDICAL OFFICER
(GRADE II) (WOMAN)
and
HOUSE MEDICAL OFFICER (WOMAN).

Applications are invited for the under-mentioned appointments at the Southend Municipal Hospital, Rochford, Essex, from registered Women medical practitioners:—

(1) Resident Assistant Medical Officer (Grade II). Salary £325 per annum, with full residential emoluments valued at £100 per annum. Previous experience in the administration of anæsthetics essential.

(2) Resident House Medical Officer. Salary £200 per annum, with full residential emoluments valued at £100 per annum.

The above appointments are tenable for one year only and are subject to one month's notice on either side given at any time.

The persons appointed will be liable to pay superannuation contributions if the provisions of the Local Government Officers Superannuation Acts are applicable.

Application forms, obtainable from the Medical Superintendent, should be returned not later than 27th January, 1941.

H. J. WORWOOD, Town Clerk.

Town Clerk's Office, Southend-on-Sea.

## The Kidderminster and District

GENERAL HOSPITAL.

Applications are invited from registered medical practitioners, Male and Female, for the appointment of SENIOR HOUSE SURGEON (B2), to become vacant on 1st February, including R practitioners who now hold A posts. The appointment will be for six months. The salary is at the rate of £175 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than 22nd January, 1941.

C. M. SMITH, House Governor and Secretary.

## Preston and County of Lancaster Queen

VICTORIA ROYAL INFIRMARY.
(General Hospital—404 Normal Beds.)

Applications are invited from single medical Men, including R practitioners holding A posts, for the post of CASUALTY OFFICER (B2) for six months, vacant early February. Salary at the rate of £175 per annum, with the usual residential allowances. Total resident staff, nine.

Applications, stating age, qualifications with dates, nationality, and present post, accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

JOHN GIBSON, Superintendent and Secretary.



## Royal United Hospital, Bath.

RESIDENT APPOINTMENTS.

Applications are invited from registered medical practitioners, including R practitioners within three months of qualification, for the following A appointments, which become vacant on the dates stated:—

HOUSE SURGEON (General Surgery and Ear, Nose, and Throat), 12th February, 1941.

HOUSE SURGEON (Gynæcology, Obstetrics, and Anæsthetics), 15th February, 1941.

HOUSE PHYSICIAN (General Medicine and Casualty), 24th January, 1941.

Salaries at the rate of £150 per annum, with board, residence, and laundry. If held by an R practitioner, appointment will be for a period of six months.

Applications (clearly indicating the post desired), stating age, qualifications, and experience, together with a copy of three testimonials, to be addressed to the undersigned immediately.

J. LAWRENCE MEARS, Secretary-Superintendent.

4th January, 1941.

## County Borough of Bournemouth.

FAIRMILE EMERGENCY HOSPITAL, CHRISTCHURCH

JUNIOR ASSISTANT MEDICAL OFFICER (A).

Applications are invited from registered medical practitioners (Male), including R practitioners within three months of qualification.

The appointment, if held by an R practitioner, will be for a period of six months. Salary is at the rate of £250 per annum, with board and residence.

Applications, stating age, qualifications with dates, and other essential details, accompanied by copies of three recent testimonials, should be sent to me in envelopes endorsed "Medical Officer" not later than January 25th, 1941.

H. GORDON SMITH, Medical Officer of Health.

## Hospital of St. Cross, Rugby.

(150 average occupied Beds.)

APPOINTMENT OF RESIDENT MEDICAL OFFICERS (A).

Applications are invited from registered medical practitioners (Male) for the appointment of a Resident Medical Officer (A), now vacant; also Resident Medical Officer to commence duty February 1st, 1941, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months, otherwise it will be for a period of six months, at the end of which time applicants will be eligible for reappointment for a further six months. Salary at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

HARVEY RACE, F.C.I.S., F.H.O.A.,
Superintendent and Secretary.

## County Borough of Preston.

SHAROE GREEN HOSPITAL.
(250 Beds.)

JUNIOR ASSISTANT RESIDENT MEDICAL OFFICER
(FEMALE) (A).

Applications are invited from fully qualified and registered practitioners for the above appointment. Salary at the rate of £150 per annum. The appointment will be for a period of six months.

Applications, stating age, qualifications, experience, and nationality, together with copies of three recent testimonials, should be forwarded to the MEDICAL SUPERINTENDENT, Sharoe Green Hospital, Fulwood, Preston.

## Halifax General Hospital.

(A.1—400 Beds.)

A Post.

Applications are invited from registered medical practitioners, Male and Female, for the appointment of a HOUSE SURGEON (A), to become vacant on February 4th, including R practitioners within three months of qualification. The appointment will be limited to six months. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

THE MEDICAL SUPERINTENDENT.

General Hospital, Halifax.

## Weston-super-Mare Hospital.

(150 Beds.)

HOUSE SURGEON.

Applications are invited from Medical Practitioners (Male), including R Practitioners within three months of qualification, for the appointment of a House Surgeon (A) to become vacant on January 1st. If held by an R Practitioner the appointment will be limited to six months. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be addressed to the undersigned.

LESLIE J. FURSLAND, Secretary.

## Alverstoke Emergency Hospital,
GOSPORT, HANTS. (60 Beds.)

APPOINTMENT OF RESIDENT ANÆSTHETIST (B2).

Applications are invited from registered medical practitioners (Male and Female) for the appointment of Resident Anæsthetist (B2) now vacant, including R practitioners who now hold A posts. If held by an R practitioner the appointment will be limited to six months. Otherwise it will be for the duration of the war. The salary is at the rate of £350 per annum. One month's notice on either side.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

H. LESLIE CRONK, County Medical Officer.

The Castle, Winchester.

## Hampshire County Council.
WINCHESTER EMERGENCY HOSPITAL.

Required an ASSISTANT RESIDENT MEDICAL OFFICER, B1 post. Salary £350 per annum. Must have held previous hospital appointments and be a capable Anæsthetist. Suitably qualified R practitioners holding B2 or B1 posts are invited to apply.

Applications should be made at once to the COUNTY MEDICAL OFFICER, The Castle, Winchester.

6th January, 1941.

## Royal Manchester Children's Hospital,
PENDLEBURY.

Applications are invited from registered medical practitioners, Male and Female (including R practitioners within three months of qualification), for the post of ASSISTANT MEDICAL OFFICER (A) at the OUT-PATIENTS' DEPARTMENT, Cartside-street, Manchester, to become vacant on 1st March next. The appointment will be for a period of six months, and the salary is at the rate of £150 per annum.

The hours of duty at the Out-patients' Department are from 9 A.M. until 1 P.M., or until the work of the department is finished. Preference will be given to candidates able to take up residence at the Hospital, Pendlebury, for evening relief duties.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than Thursday, 30th January, 1941.

By Order,
H. HEARDMAN, Secretary.

## Royal Manchester Children's Hospital,
PENDLEBURY.

Applications are invited from registered medical practitioners Male and Female (including R practitioners within three months of qualification), for the appointment of HOUSE SURGEON (A) to become vacant on 1st March.

The appointment is for a period of six months, and the salary is at the rate of £100 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, to be sent to the undersigned not later than Thursday, 30th January, 1941.

By Order,
H. HEARDMAN, Secretary.

## Royal Sussex County Hospital,
BRIGHTON. (375 Beds.)

APPOINTMENT OF A CASUALTY HOUSE SURGEON (A).

Applications are invited from registered medical practitioners (Male) for the appointment of a Casualty House Surgeon (A) to become vacant on 1st March, including R practitioners within three months of qualification. If held by an R practitioner appointment will be for a period of six months. Otherwise it will be for a period of at least six months. Salary is at the rate of £120 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three testimonials, should be sent as soon as possible to the undersigned.

L. L. W. LANCASTER-GAYE, Secretary-Superintendent.

## Hertfordshire County Council.
HAYMEADS EMERGENCY HOSPITAL,
BISHOP'S STORTFORD.
(771 Beds.)

APPOINTMENT OF HOUSE SURGEON (A Post).

Applications are invited from registered medical practitioners (Male), including R practitioners within three months of qualification, for the appointment of House Surgeon to the above hospital, the visiting staff of which consists of Consultants (mostly whole-time) appointed under the Emergency Medical Service scheme. The appointment is for six months, with possibility of prolongation, subject to the consent of the Central War Emergency Committee. Duties will commence early in January. Salary £200 per annum, with board and lodging.

Applications, stating age and full particulars of training and experience, accompanied by a testimonial from the Dean of the Medical School, should be addressed to the Medical Superintendent, Haymeads Emergency Hospital, Bishop's Stortford, Herts.

P. ELTON LONGMORE, Clerk of the County Council.

County Hall, Hertford.

## County Council of Essex and Urban
DISTRICT COUNCIL OF THURROCK.

APPOINTMENT OF ASSISTANT COUNTY MEDICAL OFFICER AND ASSISTANT MEDICAL OFFICER OF HEALTH.

Applications are invited for the undermentioned appointments:—

| | Commencing salary per annum. |
|---|---|
| Assistant County Medical Officer .. .. | £140 |
| Assistant Medical Officer of Health for the Urban District of Thurrock .. .. | £360 |
| | £500 |

Applicants, Male or Female, must be duly qualified medical practitioners with special experience in Obstetrics, hold a Diploma in Public Health, and should not be over forty-five years of age. A candidate's period of service in the War of 1914–1918 will be deducted.

The person appointed will be required to pass a medical examination, to contribute to the Superannuation Funds established by each Authority, and to reside in the Urban District of Thurrock.

The total salary of the person appointed will rise, subject to satisfactory service, by annual increments of £25 to £700. If the Officer appointed undertakes on behalf of the Thurrock Urban District Council attendance at a Women's Welfare Clinic, an additional £12 12s. per annum will be payable by the District Council. A travelling allowance of £9 per annum is payable by the District Council, and a mileage allowance is payable by the Essex County Council for use of the Officer's own car.

The appointment to the office of Assistant County Medical Officer will be subject to the Sick Pay Rules and Regulations of the County Council, a copy of which will be forwarded on application.

Applications, on the prescribed form, which is obtainable from the undersigned, should be delivered at the County Hall, Chelmsford, not later than 10 A.M. on Monday, the 3rd day of February, 1941.

CHRISTIAN BERRIDGE,
Deputy Clerk of the County Council.
A. E. POOLE,
Clerk to the Urban District Council of Thurrock.

County Hall, Chelmsford, 13th January, 1941.

## East Suffolk and Ipswich Hospital.
(380 Beds—8 Residents.)

Applications are invited from registered medical practitioners (Male or Female) for the following appointments, vacant on the dates stated:—

HOUSE SURGEON to the FRACTURE AND ORTHOPÆDIC DEPARTMENT (B2)—6th February.

HOUSE PHYSICIAN (B2)—1st April.

The above are open to R practitioners who now hold A posts.

HOUSE SURGEON to one of the Senior Surgeons and an Assistant Surgeon (A)—1st April.

HOUSE SURGEON to Gynæcologist (A)—1st April.

CASUALTY OFFICER (A)—1st April.

The above are open to R practitioners within three months of qualification.

Appointments for all posts will be for six months. Salary at the rate of £144 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, to be sent to the undersigned immediately.

ARTHUR GRIFFITHS, Secretary.

The Hospital, Ipswich, 18th January, 1941.

## Nottingham General Hospital.
(501 Beds.)

Applications are invited from registered medical practitioners (Male and Female), including R practitioners within three months of qualification, for the appointment of a HOUSE SURGEON (A) for the above Hospital. Duties to commence on or about February 15th.

The appointment is for six months. Salary at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and copies of testimonials, should be sent to the undersigned.

HENRY M. STANLEY, House Governor and Secretary.

## Oldham Royal Infirmary.

APPOINTMENT OF CASUALTY OFFICER AND SENIOR HOUSE SURGEON (B2)

Applications are invited from registered medical practitioners, Male and Female, for the appointment of Senior House Surgeon, to take charge of the Casualty Department and to work under the Orthopædic Surgeon. At the Fracture Clinic there is an average attendance of 150–170 cases per week.

Applicants may include R practitioners who now hold A posts.

Appointment will be for six months.

Salary at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, to be sent to the undersigned not later than the 23rd January, 1941.

F. W. BARNETT, General Superintendent and Secretary.

## Middlesbrough Education Committee.

APPOINTMENT OF ASSISTANT SCHOOL MEDICAL OFFICER.

Applications are invited from (*a*) duly qualified Women for a position as Assistant School Medical Officer, and (*b*) duly qualified Men or Women for a temporary position as Assistant School Medical Officer (to act whilst the permanent Officer is on war service) in connexion with the medical inspection and treatment of school-children, and such other duties as may be required by the Education Committee.

Commencing salary in each instance £500 per annum (provided the successful candidate has had not less than three years' post-graduate experience), rising by annual increments of £25 to £700 per annum. The Committee will take into account previous experience as an Assistant School Medical Officer in determining the amount of the commencing salaries. The successful candidates will be required to devote their whole time to the duties of the offices. The permanent appointment will be subject to the provisions of the Local Government Superannuation Act, 1937, and both successful candidates will be required to pass satisfactorily medical examinations. The permanent appointment will be terminable by two calendar months' notice on either side, and the temporary appointment by one calendar month's notice on either side.

Forms of application may be obtained on application to the Director of Education, Education Offices, Woodlands-road, Middlesbrough, to whom completed forms should be returned not later than Saturday, 1st February, 1941. Women applicants, when applying for forms of applications, should indicate whether they are prepared to be considered for both the permanent and temporary appointments.

Canvassing in any form will disqualify.

PRESTON KITCHEN, Town Clerk.

Town Clerk's Office, Municipal Buildings, Middlesbrough, 13th January, 1941.

## Addenbrooke's Hospital, Cambridge.

APPOINTMENT OF CASUALTY OFFICER AND SUPERNUMERARY HOUSE OFFICER (A).

Applications are invited from registered medical practitioners, Male and Female, for the appointment of Casualty Officer and Supernumerary House Officer (A), to become vacant early in February, including R practitioners within three months of qualification. The appointment will be for a period of six months, but is terminable at an earlier date by one month's notice on either side. Salary is at the rate of £130 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than Wednesday, January 29th, 1941.

J. A. BEARDSALL, Secretary-Superintendent.

## Addenbrooke's Hospital, Cambridge.

APPOINTMENT OF HOUSE SURGEON (A).

Applications are invited from registered medical practitioners, Male and Female, for the appointment of House Surgeon (A), to become vacant on March 1st, 1941, including R practitioners within three months of qualification. The appointment will be for a period of six months, but is terminable at an earlier date by one month's notice on either side. Salary is at the rate of £130 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than Wednesday, January 29th, 1941.

J. A. BEARDSALL, Secretary-Superintendent.

## Princess Louise Scottish Hospital for

LIMBLESS SAILORS AND SOLDIERS, BISHOPTON, RENFREWSHIRE. (300 Beds.)

Applications are invited for the post of PHYSICIAN-SUPERINTENDENT. Candidates must be registered medical practitioners.

The institution consists of a hospital, a hostel, and workshops for war-disabled ex-Servicemen.

Salary £600, with free house, light, and coal.

The appointment would suit a retired medical service officer.

Applications, stating age and experience, together with copies of not more than three recent testimonials, should be sent to the Secretary, 201, West George-street, Glasgow, C.2.

T. A. HARVIE ANDERSON, Secretary.

7th January, 1941.

## Chorley and District Hospital,

CHORLEY, LANCS.

(Voluntary General Hospital with 100 Beds.)

Applications are invited from registered medical practitioners, Male and Female, for the appointment of HOUSE SURGEON (A), including R practitioners within three months of qualification, to commence duty in February next. If held by an R practitioner, appointment will be for a period of six months, otherwise the appointment is renewable for a further period. Salary £150 per annum.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned at once.

C. H. SPENCE, Secretary-Superintendent.

## City of Birmingham.

DUDLEY ROAD HOSPITAL.
SELLY OAK HOSPITAL.

JUNIOR RESIDENT MEDICAL OFFICERS (MALE OR FEMALE)—A Posts.

Applications are invited from registered medical practitioners, including R practitioners within three months of qualification, for Junior Resident Medical Officers (Male or Female) at the above Hospitals for the treatment of medical and surgical cases. Salary at the rate of £200 per annum, with full residential emoluments. The appointments are for a period of not less than six months.

Further particulars may be obtained from the Medical Superintendents, and applications, stating age, experience, and qualifications, with copies of recent testimonials, should be forwarded to Dr. H. P. NEWSHOLME, Medical Officer of Health, Council House, Congreve-street, Birmingham, 3, not later than Thursday, 30th January, 1941.

## Staffordshire Mental Hospitals Board.

EMERGENCY HOSPITAL SCHEME.

STAFFORD MENTAL HOSPITAL.

APPOINTMENT OF RESIDENT MALE MEDICAL OFFICER (B2).

Applications are invited from registered medical practitioners, Male, for the above-mentioned appointment, including R practitioners who now hold A appointments.

The selected candidate will be required to work in the Medical and Surgical Unit set apart from the Mental Hospital under the Emergency Hospital Scheme.

Salary is at the rate of £250 per annum, with full residential emoluments.

Appointment will be of a temporary nature, subject to one month's notice on either side. If held by an R practitioner it will be limited to six months.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than 31st January, 1941.

H. L. UNDERWOOD,
Clerk of the Mental Hospitals Board.

County Buildings, Stafford, 7th January, 1941.

## Altrincham General Hospital,

CHESHIRE. (100 Beds.)

APPOINTMENT OF HOUSE SURGEON (A).

Applications are invited from registered medical practitioners for the appointment of a House Surgeon (A), to become vacant on 1st March, 1941, including R practitioners within three months of qualification. Appointment will be for a period of six months. Salary at the rate of £120 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, together with testimonials, should reach the undersigned not later than Saturday, 25th January, 1941.

E. A. BIDEN, General Superintendent and Secretary.

## Altrincham General Hospital,

CHESHIRE. (100 Beds.)

APPOINTMENT OF SENIOR HOUSE SURGEON (B2).

Applications are invited from registered medical practitioners for the appointment of Senior House Surgeon (B2), to become vacant on 1st March, 1941, including R practitioners who now hold A posts. Appointment will be for a period of six months. The salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, together with testimonials, should reach the undersigned not later than Saturday, 25th January, 1941.

E. A. BIDEN, General Superintendent and Secretary.

## Hull Royal Infirmary.

Applications are invited from registered medical practitioners (Male), including R practitioners within three months of qualification, for the post of CASUALTY OFFICER (A), vacant January. If held by an R practitioner the appointment will be for a period of six months. Salary at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications, dates, and nationality, and accompanied by copies of recent testimonials, should be sent to the undersigned.

R. J. CARLESS, House Governor.

## The Royal Infirmary, Bradford.

Three HOUSE SURGEONS and Two HOUSE PHYSICIANS (A) (Male) wanted 1st March. Six months' appointments. Candidates must be single and legally qualified. R practitioners within three months of qualification invited to apply. Salary £150 per annum, with board, residence, and laundry.

There are 345 Beds and 9 Resident Officers.

Applications, stating age, nationality, qualifications, and previous experience, with copies of recent testimonials, should be sent to the undersigned by 22nd January.

H. TRUSSON, House Governor and Secretary.

2nd January, 1941.

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## Oldham Royal Infirmary.
(186 Beds.)

APPOINTMENT OF HOUSE PHYSICIAN and ASSISTANT CASUALTY OFFICER.

Applications are invited from Registered Medical Practitioners, Male and Female, for the combined post of House Physician and Assistant Casualty Officer (A), including R Practitioners within three months of qualification. If held by an R Practitioner appointment will be for a period of six months.

Salary is at the rate of £175 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates and nationality, and accompanied by three copies of three recent testimonials, should be sent to the undersigned not later than the 23rd January, 1941.

F. W. BARNETT, General Superintendent and Secretary.

## Grove Road Emergency Hospital,
Richmond.

Applications are invited for the appointment of HOUSE OFFICER (A). R practitioners within 3 months of qualification may apply, when the appointment will be limited to six months. Salary £200 per annum, plus full residential emoluments.

Applications stating age, qualifications, and experience should be sent to the Medical Officer at the Hospital not later than 22nd January, 1941.

## Royal Halifax Infirmary.

Applications are invited from registered medical practitioners (Male), including R practitioners within three months of qualification, for :—

1. SECOND HOUSE SURGEON (A). Salary £175 per annum ;
2. CASUALTY OFFICER (A). Salary £150 per annum, with full residential emoluments in each case.

If held by an R practitioner the appointment will be for a period of six months.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

A. MIDGLEY, Secretary.

2nd January, 1941.

## Northampton Education Committee.

ASSISTANT SCHOOL DENTIST.

Applications are invited for the appointment of a fully qualified Dental Surgeon (Woman) as Assistant School Dentist. Salary £450 per annum, plus war bonus (at present 6 per cent. on first £300 and 3 per cent. on remainder). Duties to commence on 10th February, 1941.

Further particulars and form of application may be obtained by forwarding a stamped addressed envelope to the undersigned, by whom applications must be received not later than the 24th January, 1941.

H. C. PERRIN, Secretary for Education.

Education Office, "Springfield," Cliftonville, Northampton.

## Kettering and District General HOSPITAL.

APPOINTMENT OF A HOUSE PHYSICIAN (A).

Applications are invited from registered Medical Practitioners, Male and Female, for the appointment of a House Physician (A), to become vacant on 1st February, 1941. R Practitioners within three months of qualification may apply, when appointment will be limited to six months. Salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

G. W. JACKSON, Secretary-Superintendent.

## Children's Hospital, Nottingham.

Applications are invited for the post (B1) of RESIDENT HOUSE SURGEON (Woman). The salary will be at the rate of £200 per annum, with apartments, board, and laundry. The appointment will be for six months, duties to commence on the 1st March, 1941.

Applications, together with testimonials, stating age, nationality, qualifications, and experience, to be sent to the HONORARY SECRETARY, 1, King John's-chambers, Bridlesmithgate, Nottingham, on or before Tuesday, January 21st, 1941. Selected candidates will be required to attend at the Hospital for a personal interview.

## Victoria Hospital, Burnley.

APPOINTMENT OF HOUSE SURGEON (A).

Applications are invited from registered Medical Practitioners, Male, for the appointment of House Surgeon (A), to become vacant immediately, including R Practitioners, within three months of qualification. If held by an R Practitioner appointment will be for a period of six months. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

J. E. WHEATCROFT, Secretary.

## Gloucestershire County Council.

ASSISTANT COUNTY MEDICAL OFFICER OF HEALTH.

Gloucestershire County Council invite applications for the appointment of an Assistant County Medical Officer of Health. The salary will be on the scale of £600 per annum, plus £25 to £700 per annum. Travelling and subsistence allowances will be paid in accordance with the Council's scale. The appointment is subject to the provisions of the Local Government Superannuation Act, 1937, and the successful candidate will be required to pass a medical examination by the Council's medical adviser. Applicants must be registered medical practitioners and should hold a Diploma in Public Health. Previous experience in various branches of public health and school medical work is desirable.

Forms of application, with particulars of the duties and conditions of appointment, may be obtained from the County Medical Officer of Health, Shire Hall, Gloucester, to whom completed applications, with copies of three recent testimonials, should be sent not later than February 3rd, 1941. Canvassing, directly or indirectly, will disqualify.

RICHARD L. MOON, Clerk of the County Council.

## The Radcliffe Infirmary, Oxford.

Applications are invited from registered medical practitioners, Male and Female, for the following appointments to become vacant on the 1st April, 1941 :—

One HOUSE PHYSICIAN (B2), including R practitioners who now hold A posts.

One HOUSE SURGEON (A) } including R practitioners
One OBSTETRIC HOUSE PHYSICIAN (A) } within three months of qualification.

Appointments will be for a period of six months. Salary is at the rate of £100 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by four copies of three recent testimonials, should be sent to the undersigned not later than Monday, 10th February, 1941.

A. G. E. SANCTUARY, Administrator.

January, 1941.

## Bradford Children's Hospital.

EMERGENCY CASUALTY HOSPITAL.

HOUSE SURGEON AND HOUSE PHYSICIAN (A posts) (Male or Female), wanted immediately. R practitioners within three months of qualification are invited to apply, when appointment will be limited to six months.

Salary £150 per annum, with board, residence, and laundry.

Applications, stating age and nationality, with recent testimonials, stating when duties can be commenced, to

J. W. LONGLEY, Secretary-Superintendent.

## Coventry and Warwickshire Hospital,
STONEY STANTON ROAD, COVENTRY.

Applications are invited from registered medical practitioners, including R practitioners within three months of qualification, for the appointment of CASUALTY OFFICER (A post), with duties as House Surgeon to Fracture Department. The appointment is for six months, commencing 1st February, 1941. Salary at the rate of £154 per annum.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the HOUSE GOVERNOR AND SECRETARY at once.

## Lincoln County Hospital.

Applications are invited from registered Medical Practitioners, Male, unmarried, including R Practitioners within three months of qualification, for the appointment of JUNIOR HOUSE SURGEON (A). The appointment is for six months. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, nationality, medical school and qualifications with dates, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

ARTHUR MOORE, Secretary-Superintendent.

Lincoln, 13th January, 1941.

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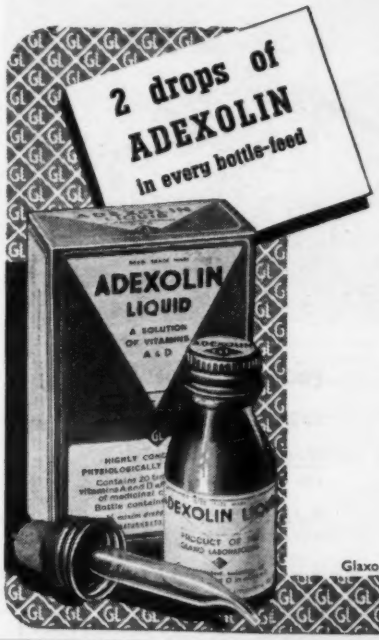
# Vitamin routine for every infant




Just as the infant is protected against vitamin C deficiency by a routine ration of orange juice, so he should be provided with extra vitamins A and D by means of some independent standardized preparation. This provision is a wise precaution for all infants, whether bottle-fed or breast-fed. In bottle-feeding the supplement is particularly advisable when liquid or whole dried milk is used. In breast-feeding it is a safeguard to the infant who may be suffering from a maternal dietary deficiency of these vitamins. A daily ten drops of Adexolin Liquid effectively satisfy the infant's dietary needs of vitamins A and D and build a valuable reserve. Powerful assistance is given to normal growth, to dental and skeletal development, and to resistance against infections. Being virtually tasteless, Adexolin Liquid can be given unnoticed in the bottle-feed, or in fruit juice—or even on the infant's tongue.

A 14cc. phial of Adexolin Liquid, costing 2/-, yields 480 drops—sufficient for nearly seven weeks. Even more economical are the 2 oz. bottle (6/-), the 4 oz. (10/-), and the 8 oz. (18/-). Prices (not applicable in Eire) are subject to usual professional discount

# ADEXOLIN

**LIQUID** vitamins A and D for growth and well-being

*Each cc. contains 12000 i.u. of vitamin A and 2000 i.u. of vitamin D—the equivalent of 20 cc. of medicinal cod-liver oil.*

PRODUCT OF THE GLAXO LABORATORIES

Glaxo Laboratories Ltd., Greenford, Middlesex. BYRon 3434

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**Functional Disturbances of the Heart**
**Neuropathic Conditions**
**Nervous Insomnia; Menopause**

*War-worry Anxiety, Fatigue*

# PASSIORINE BRAND
## *Sedative*

**ANTISPASMODIC AND SOPORIFIC**
***For Adults and Children***

A purely vegetable product, devoid of toxicity, depressing effects, or drug-addiction.

Prepared from PASSIFLORA INCARNATA, CRATÆGUS OXYACANTHA, SALIX ALBA.

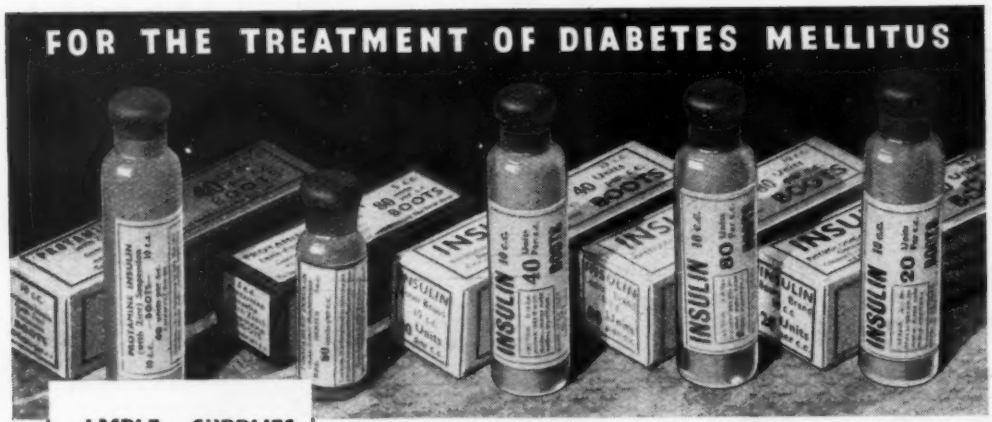
In all conditions wherein a calming effect on the Sympathetic is desired, and where medication may be necessary over an indefinite period, Passiorine surpasses all narcotics and toxic medicaments.

The sedative, antispasmodic and soporific action of Passiorine induces the functional calm which is so desirable, and which leads to a toning of the heart, nervous system, and circulation.

*Medical sample on request*

**BENGUÉ & Co. Ltd.,** *Manufacturing Chemists*
**MOUNT PLEASANT, ALPERTON, WEMBLEY, MDX.**

## FOR THE TREATMENT OF DIABETES MELLITUS




AMPLE SUPPLIES ARE AVAILABLE AND THERE IS NO REASON TO ANTICIPATE A SHORTAGE

**INSULIN - BOOTS**

20 units per cc.
5 cc., 10 cc., and 25 cc. vials

40 units per cc.
5 cc. and 10 cc. vials.

80 units per cc.
5 cc. and 10 cc. vials.

**PROTAMINE INSULIN (with Zinc) SUSPENSION-BOOTS**

40 units per cc.
5 cc and 10 cc. vials.

80 units per cc.
5 cc. vials

*Literature sent upon request*

**BOOTS PURE DRUG COMPANY LIMITED NOTTINGHAM**

B.400-61



# In Nervous Strain and Over-fatigue

Neuro Phosphates is a valuable aid to the resolution which enables workers to carry on in spite of strain and over-fatigue. It has a world-wide reputation as a reconstructive tonic for combating impaired vitality, nervous exhaustion, and general debility resulting from prolonged physical and mental strain.

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## NEURO PHOSPHATES

(ESKAY BRAND)

**THE 'GREEN' TONIC**

PALATABLE RAPID IN ACTION EFFICIENT

Each adult dose (two teaspoonfuls) contains in acid state :
Sodium Glycerophosphate .....2 grs.
Calcium Glycerophosphate.....2 grs.
Strychnine Glycerophosphate.....$\frac{1}{32}$ gr.

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# CAROVIT Brand

## CHLOROPHYLL TABLETS

(a chlorophyll-beta carotene combination)

**EYE STRAIN from the "black-out," and night-blindness**
**NERVOUS STRAIN from abnormal living conditions**
**BODILY STRAIN from unaccustomed work, night work, overwork . . .**

**These are the three most frequent complaints in modern medical practice, and all can arise from vitamin A deficiency. A supplementary daily ration of vitamin A or pro-vitamin A (beta carotene) therefore helps the sufferer to cope with the increased strain of living and to adapt himself to unwelcome changes. Night vision in particular is improved and progressively a better general condition is achieved.**

**Now available in tins of 80, 250 and 1000 tablets.**

***Samples and literature on request.***

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**Brunel Road, East Acton, London, W.3**

# ANAHÆMIN B.D.H.

The value of Anahæmin in the treatment of pernicious anæmia is now established. It has been confirmed by observation of many thousands of cases treated both in private and in hospital practice. In this condition it is generally regarded as being the most economic method of producing a normal blood picture, being active in minimal dosage at wide intervals.

More recently it has been shown to play an important rôle as an adjuvant to iron in the treatment of certain microcytic anæmias. It is particularly advocated in severe anæmia due to hæmorrhage, either acute or chronic. In this condition '. . . four weekly doses of an active liver preparation such as Anahæmin 2 c.c. are advisable to stimulate red cell formation' (Med. Press & Circ., July 3rd, 1940, p. 4).

*Sample on request*

THE BRITISH DRUG HOUSES LTD. LONDON N.1
Telephone: Clerkenwell 3000 Telegrams: Tetradome Telex London

An/E/73

# "ALOCOL"

*Colloidal Hydroxide of Aluminium*

## Rational Antacid Therapy

APART from those cases due to actual organic disease, the treatment of the syndrome of symptoms known as indigestion generally resolves itself into an attempt to overcome hypersecretion of acid and to soothe the irritated or inflamed gastric mucosa.

That "Alocol" possesses intrinsic qualities which render it particularly valuable as a gastric sedative and antacid is now well established. Its freedom from the constipating effect of bismuth, the laxative action of magnesium salts and the gas-forming properties of sodium bicarbonate is especially noteworthy.

"Alocol" forms with the gastric contents a colloidal jelly which has the power of adsorbing free hydrochloric acid. Its markedly soothing effect on the gastric mucosa promptly relieves pain and discomfort. It does not interfere with the normal process of digestion and is free from the danger of "alkalosis."

*Indian. Saraswati playing the Vina. (12th Century)*

*Complete chemical history of "Alocol," with convincing clinical reports and supply for trial, sent free to physicians on request.*

**A. WANDER, LTD., Manufacturing Chemists,**
**184, Queen's Gate, London, S.W.7.**
*Works and Laboratories:*
*KING'S LANGLEY, HERTFORDSHIRE.*

M256

# FORMALGAR

## AN EFFICIENT GARGLE and MOUTH WASH

This preparation contains Formalin, Glyc. Acid. Carbolic, Tinct. Pyrethri, etc., and when diluted in the proportion of one drachm in eight ounces of water forms a pleasant gargle for infectious sore throat, or an antiseptic mouth wash.

*It has also been used with success by professional singers for irritation of the throat*

In 5 oz., 10 oz., 22 oz., 40 oz. and 90 oz. bottles

**one of HEWLETT'S preparations**

C. J. HEWLETT & SON, LTD., MANUFACTURING CHEMISTS, LONDON, E.C.2.

# S.U.P. 36

Clinical use over a long period has established that the early administration of S.U.P. 36 will frequently abort a cold. When administered later it considerably diminishes the virulence of the infection and effects an appreciable reduction of its duration. This action of S.U.P. 36 renders it of particular value also in influenza. Although the infection may be well established, the administration of S.U.P. 36 will be followed by a reduction in its virulence and duration and, further, a marked reduction in the incidence, and degree, of complications.

It is customary for the physician to include a supply of ampoules of S.U.P. 36 in his 'emergency bag' so that the drug is available for administration in the early stages of infection when its most beneficial effects are produced.

*Samples and literature on request*

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Telephone: Clerkenwell 3000 Telegrams: Tetradome Telex London

Sup 36/B/59

# 'SODIUM AMYTAL'

TRADE MARK BRAND

SODIUM ISO-AMYL ETHYL BARBITURATE

The anxiety and apprehension with which patients once anticipated hospitalization have largely become things of the past due to the efforts of hospital personnel to make the stay as pleasant as possible. It has been learned that many disturbing recollections can be avoided when 'Sodium Amytal' has been the hypnotic and sedative of choice. It contributes to the rest and relaxation which are so essential to proper convalescence.

*Prompt Attention Given to Professional Inquiries*

ELI LILLY AND COMPANY LIMITED

BASINGSTOKE AND LONDON

When mou'd you find your selfe to Natures Needs,
Forbeare them not, for that much danger breeds

Some of the very sensible dietetic and hygienic precepts of Regimen Sanitatis Salernitanum have not lost their force across the chasm of centuries that separates modern medicine from the tenets of Galenism. Constipation, then as now, was a universal affliction. Its prevention was the aim of medicine. Irregularity and neglect were then a rule as they are today.

The effective answer of modern therapeutic research to the problem of constipation is Agarol brand Compound — the original mineral oil and agar-agar emulsion with phenolphthalein. It effectively meets the requirements of a gentle yet dependable evacuant in the relief of acute constipation and the treatment of habitual stasis, in young or old, under every condition where a bowel evacuant is indicated.

Agarol softens the intestinal contents and gently stimulates the peristaltic action, making evacuation easy and tending to re-establish normal function.

William R. Warner & Co. Ltd., Power Road, Chiswick, London, W.4

AGAROL for constipation

HEAD COLDS & BLACK-OUT VENTILATION....

Lack of ventilation due to black-out precautions has led to a considerable increase in nasopharyngeal conditions. In inflammatory and infective conditions of the naso-pharynx the decongestive and antiseptic properties of 'Endrine' have been proved over a number of years. 'Endrine' shrinks and soothes inflamed tissue, promotes sinus drainage and improves breathing.

℞ 'ENDRINE' BRAND REGD. NASAL COMPOUND

IN TWO VARIETIES 'ENDRINE' (Buff Label) 'ENDRINE' MILD (Green Label)

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# RADIOSTOLEUM

*(Standardised Vitamins A and D)*

Limitations of supplies of the common foods richest in Vitamins A and D must result in a reduction of the already low average intake.

During winter months increased need for these, the protective vitamins, accentuates the effects of the low intake and the provision of a standardised concentrate becomes a common necessity. Radiostoleum fulfils all the requirements of the ideal concentrate. It is supplied in forms suitable for administration to patients of all ages, both in prevention and treatment.

*For infants and young children*
**RADIOSTOLEUM EMULSION WITH VITAMIN C**

*For infants or adults*
**RADIOSTOLEUM LIQUID**

*For adults*
**RADIOSTOLEUM LIQUID OR CAPSULES**

*For all ages*
**CONCENTRATED RADIOSTOLEUM FOR INJECTION**

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Telephone: Clerkenwell 3000 Telegrams: Tetradome Telex London

Rstm/E/431

## Complete Replacement Therapy in

# MENOPAUSAL DISORDERS

The two essential constituents for the oral treatment of menopausal disorders are presented in 'Ovendosyn' Brand Tablets, each of which contains 0·5 mg. stilbœstrol and 227 mg. calcium phosphate. The preparation, therefore, is capable of bringing about all the beneficial effects of the new synthetic œstrogenic analogue and has the additional advantage of supplying a mineral element that is of the greatest importance, especially during the climacteric.

The administration of a readily assimilable form of calcium in conjunction with stilbœstrol not only improves the general health but

**minimises any tendency to nausea**

that may be attributed to stilbœstrol given by itself. In selected cases of dysmenorrhœa, amenorrhœa, and infantilism, 'Ovendosyn' is also the drug of election. It has proved extremely helpful to women over forty when undergoing abnormal mental or physical strain.

# 'OVENDOSYN' BRAND TABLETS

Samples and literature on request

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# *The most Recent Advance in INFANT FEEDING*

## *a complete, perfected system*

THE "Veguva" System of Infant Feeding represents a noteworthy advance in pediatrics. Its introduction has been received with the keenest interest by specialists in infant nutrition throughout the country.

An examination of the "Veguva" System immediately demonstrates its advantages over the usual methods of feeding with modified milk foods. It comprises two foods which, together, constitute a complete system of feeding from birth.

**"Veguva" No. 1—Milk food containing vegetable and fruit juices—for infants from birth.**

**"Veguva" No. 2—Vegetable Adjuvant—for infants from four months.**

Physiological tests show that "Veguva" Foods are rich in the vitamins, easily assimilable organic iron and other important mineral salts which are essential to normal development and well-being and the prophylaxis of deficiency disorders.

"Veguva" is packed by methods which effectively conserve the product and prevent any deterioration.

## *A Booklet*

*explaining in detail the "Veguva" System of Infant Feeding, together with clinical trial samples of "Veguva" Foods, will be sent on request.*

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*Distributing Agents:* INDIA: 16 Bank Street, Fort, Bombay.

# Veguva BRAND BABY FOODS

M295

*The successful treatment of*

# FIBROSITIS AND CERTAIN CASES OF RHEUMATISM

*with*

# NOVUTOX INJECTIONS

**A MASS OF EVIDENCE** has accumulated to show that the treatment of Fibrositis and certain cases of Rheumatism with Novutox injections provides not only complete restoration of function with immediate relief from pain, but also, in the great majority of cases, early and complete cure.

**NOVUTOX,** which is a self-sterilising local anæsthetic, is prepared by a special process, and the preparation contains, in extreme dilution, certain highly complex quinine derivatives. Due to treatment by this process, Novutox solutions have a remarkable chemotherapeutic action and also unique antiseptic properties which, associated with extremely low toxicity, are held to account for the very satisfactory results achieved with the preparation in the treatment of Fibrositis and certain cases of Rheumatism.

**IN AN ARTICLE entitled "Muscular Rheumatism—** Local Injection Treatment as a Means of Rapid Restoration of Function" published in the *British Medical Journal*, 10.8.40, page 183, the author describes the treatment of a number of typical cases of Fibrositis, etc., in different parts of the body, and *in all cases* immediate relief was obtained following injections of Novutox. During an attack of lumbago suffered by himself the author found one injection abolished intense pain and restored function within a matter of minutes. He also gives useful detailed information of the technique employed for the various sites of the body.

Interested members of the medical profession are invited to write for a copy of "Notes on the Treatment of Fibrositis and Recent Injuries" by a distinguished orthopædic surgeon.

NOVUTOX is available in :

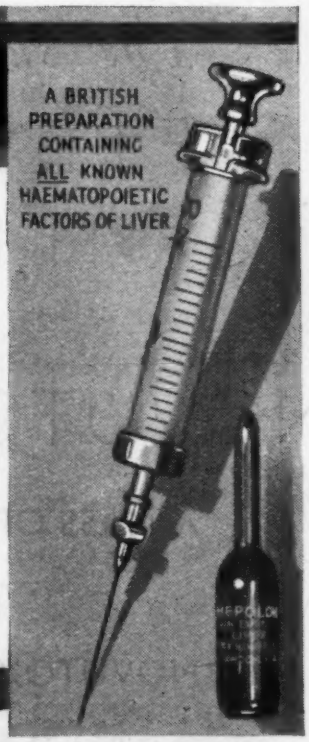
**2 c.c. and 50 c.c. AMPOULES** **2-oz. BOTTLES and CARTRIDGES (standard size)**

*Manufactured by*

**PHARMACEUTICAL MANUFACTURING COMPANY LTD**

**THE LABORATORIES, PITTVILLE CIRCUS ROAD, CHELTENHAM, GLOS.**

# HEPOLON




## TOTAL LIVER EXTRACT FOR PARENTERAL INJECTION

is produced by improved processes which conserve all the known hæmatopoietic principles of the whole liver; it gives no reactions for histamine or undesirable protein. HEPOLON approximates to the extract described by Gansslen; later extracts have been described as of narrower therapeutic value.

HEPOLON not only passes the highest clinical tests for potency against pernicious anæmia but contains Whipple's factor, Wills's factor, vitamin $B_2$, nicotinic acid, and the hæmatinic minerals of liver.

Prices in Great Britain and Northern Ireland (subject to alteration without notice):

Ampoules of 2 c.cm.: box of 6, 6/-, box of 12, 11/6, and box of 24, 22/-

Rubber-capped vial of 10 c.cm., 5/-, and of 30 c.cm., 12/6

**ALLEN & HANBURYS LTD · LONDON · E·2**

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# NONAD TULLE

TRADE MARK

NON ADHERENT GAUZE NET

VITAMINIZED AND STERILE

NONAD TULLE is a gauze with a mesh of 2 millimetres and impregnated with 98 parts of soft paraffin, 1 of balsam of Peru, and 1 of halibut-liver oil, that rich source of vitamins A and D.

Dressings made with NONAD TULLE as their foundation are easily removed, without pain or bleeding. Through the wide mesh, secretions are easily absorbed by the outer dressings: accordingly dangerous products do not accumulate in the lesion, and it need not be dressed so often as usual.

NONAD TULLE may be used on septic wounds, burns, gangrene, sloughs, varicose ulcers, indolent wounds, operation wounds, pruritic or infective eruptions, and solar or actinic dermatitis.

In tins of 10 pieces, 4 in. x 4 in.
**Price 3/6**

**NONAD TULLE PROMOTES QUICK HEALING**

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Trade **Pentide** Mark

Sodium Pentose Nucleotides

## For the treatment of Agranulocytosis

During recent years considerable attention has been given to agranulocytosis, granulopenia, or malignant neutropenia—absence or diminution in number of granular (polymorphonuclear) leucocytes. Two types of this condition are known, namely, true agranulocytic angina, of unknown ætiology, and malignant neutropenia secondary to an obvious cause. True agranulocytic angina is usually acute, characterized by ulceration in the mouth and pharynx, and fatal. Secondary granulopenia includes cases resulting from typhoid fever, some exanthemata, local infection, poisoning by benzene, amidopyrine, sulphanilamide, or arsphenamine, irradiation by x-rays or radium, aplastic anæmia, splenic diseases, etc.

Pentose nucleotides, intravenously and intramuscularly, in adequate dosage, have proved successful in agranulocytosis. For the treatment of this condition and other disorders in which increased production of polymorphonuclear leucocytes is desirable, Allen & Hanburys Ltd. have prepared a solution of Sodium Pentose Nucleotides which they issue under the name "Pentide," in vials of 10 c.cm. at 5/-, plus purchase tax.

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FOR WAR-TIME NERVE STRESS

The numerous reports that we have received from physicians show that Bynogen has met with considerable success in functional disorders of the nervous system accompanied by disturbance in nutrition.

Bynogen contains the glycerophosphates of sodium, calcium, magnesium, and iron, soluble milk proteins, and soluble extract of malt and whole wheat. The soluble milk proteins contain a large proportion of casein, which, in addition to the glycerophosphates, is a source of phosphorus. Calcium, sodium, and magnesium also play important parts in metabolism, while the necessity for iron in blood-formation scarcely calls for mention.

The agreeable flavour of Bynogen is one of its points of superiority over most other products of its class.

In tins at 1/9, and bottles at 3/-, 5/-, and 9/-

*Plus Purchase Tax.*

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MEDICAMENTA VERA P&Co

*Each fluid ounce represents:—*
*Vitamin A.....16,500 International units*
*Vitamin D..... 5,500 International units*
*Vitamin $B_1$..... 75 International units with Vitamin $B_2$*
*Iron and Ammon. Citrate.....4 grs.*
*Manganese Citrate, Soluble..... ½ gr.*
*In a palatable base containing Malt Extract.*

**IRRADEX provides the fat-soluble vitamins A and D in a most pleasantly tasting form, far superior to cod-liver oil; the growth-stimulating vitamin B in sufficient quantity; the anti-anæmic effects of iron and manganese; and the nutritive and diastasic value of malt.**

**Irradex is specially indicated for children or adults who are underweight, have little appetite, or who have not regained healthy vitality after some acute infection.**

**During pregnancy and lactation, or other periods of stress, Irradex is especially indicated. It may well be prescribed for its nutritive effect in convalescence from operations.**

**DOSAGE: From 1 teaspoonful to 1 dessertspoonful three times a day.**

*Supplied in containers of approximately 1 lb., 2½ lbs. and 7 lbs.*

### VITAMIN A

Growth-promoting and anti-infective vitamin. One teaspoonful of Irradex contains as much vitamin A as a teaspoonful of cod-liver oil.

### VITAMIN B

Promotes appetite and aids digestion. Stimulates growth in the young. Protects the body from nervous disease, such as beri-beri and pellagra. Increases and maintains body weight. Essential for lactation.

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Increases phosphorus and calcium metabolism and assimilation. Prevents and cures rickets in children. Irradex possesses more than twice the vitamin D potency of B.P. cod-liver oil.

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Iron has been known for centuries to be valuable in the treatment of anæmias, and modern scientific research entirely confirms this fact. Its association with manganese has also been proved to enhance its value.

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*When Digitalis is indicated . . .*

# DIGOXIN (B. W. & Co.)

**Digoxin is a single, pure, crystalline glucoside of digitalis lanata. It is of known and definite chemical constitution and is stable in solution as well as in the solid state.**

**Digoxin may be used wherever digitalis is indicated. It causes a rapid fall in ventricular rate and is especially valuable in the treatment of auricular fibrillation.**

**Digoxin, given orally, produces the characteristic effects of digitalis one hour after administration; given intravenously, effects follow almost at once. The rapid and consistent action following oral administration, however, makes it unnecessary to resort to injection save in exceptional cases.**

For oral administration

**'TABLOID' DIGOXIN** 0·25 mgm. — Bottles of 25 and 100, 1/4 and 4/4 each respectively

**SOLUTION OF DIGOXIN (B. W. & Co.)** 0·5 mgm. in 1 c.c. — Bottles of 10 c.c., 30 c.c. (both supplied with Pipette) and 250 c.c., 2/-, 3/6 and 24/- each respectively

For intravenous administration

**'HYPOLOID' DIGOXIN** 0·5 mgm. in 1 c.c. — Boxes of 10 'Hypoloid' ampoules, 3/4 per box

**'HYPOLOID' NORMAL SALINE (STERILE)** — Boxes of 6 × 10 c.c. 'Hypoloid' ampoules, 5/- per box

**'HYPOLOID' DIGOXIN AND NORMAL SALINE** — Boxes containing 6 × 1 c.c. 'Hypoloid' Digoxin with 6 × 10 c.c. 'Hypoloid' Normal Saline, 7/- per box

Literature to Medical Men on request.

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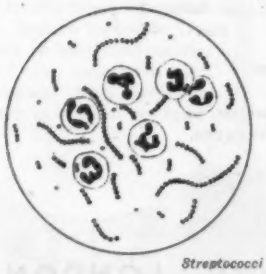
*(Sulphanilamide)*

**For oral administration**

Sulphanilamide as a 'Tabloid' product of traditional quality and precision in manufacture, possessing therapeutic efficiency with comparatively low toxicity.

'Tabloid' Sulphonamide-P is effective over a wide range of infections, especially those of streptococcal, meningococcal and gonococcal origin, and has been used successfully in the treatment of *Bact. coli, Proteus ammoniæ* and other infections of the genito-urinary tract. It may also be of use in gas-gangrene and possibly in early cases of typhoid and paratyphoid fevers.

*Bottles of 25 and 100 products, 1/4 and 4/- each respectively*



*Streptococci*

*Also*

## TRADE MARK 'WELLCOME' BRAND SULPHONAMIDE-P

*(Sulphanilamide)*

For parenteral or oral use

*Bottles of 25 and 100 grammes, 1/9 and 5/6 each respectively*

*London Prices to the Medical Profession, liable to alteration without notice*

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at least as effective as
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IF YOU HAVE A PATIENT WITH

Chronic atrophic dermatitis
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Senile pruritus vulvae
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**THEN KOLPON IS A SUITABLE TREATMENT**

Bougies (500 I.U. œstrone) and Tablets (1,000 I.U. œstrone) at an extremely low price

We shall be pleased to send you a clinical sample

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'JELONET'
TRADE MARK BRAND

**PETROLEUM-JELLY GAUZE DRESSING**

'Jelonet' is made from a specially woven open - mesh gauze, evenly saturated with petroleum jelly and Balsam of Peru, and is packed in sealed containers of 24 dressings, sterilised ready for immediate use.

'Jelonet' is indicated for Skin-Grafts, Compound Fractures, Burns, etc., as a non-adherent dressing to promote granulation.

The open-mesh dressing encourages free escape of discharge, and ensures ventilation of skin-grafts and the young epithelium, with minimum trauma to granulations.

Uniform saturation with petroleum jelly prevents serious rise of temperature due to toxic absorption, secondary dermatitis of the surrounding skin arising from irritating discharge, and also permits ready extrusion from deep wounds.

*Obtainable through your usual surgical supplier, 5/2d. per tin of 24 dressings. Special discounts available to Hospitals.*

*Made by* T. J. SMITH & NEPHEW LTD., HULL
*Makers of 'Elastoplast' and 'Cellona' Plaster of Paris Bandages*

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As a supporting measure in all cases of pneumonia, Antiphlogistine Brand Dressing is a great help, no matter what other means of therapy is employed.

**Antiphlogistine**
BRAND TRADE MARK DRESSING

**MADE IN ENGLAND**

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## This treatment proceeds by three stages:—

### 1. MILTON 50% DILUTION

Thorough cleansing and mechanical removal of all infected plasma proteids, necrotic tissue and pus. Milton dissolves this detritus and rapidly sterilises the clean surface. As a hypertonic saline it produces profuse fluid exudation.

> *"The process of mechanical cleansing is of "most advantage in wounds containing sloughs "and is well served by solutions containing "chlorine or liberating oxygen, both of which "tend to disintegrate and detach necrotic "tissue."—Lancet, May 4, 1940.**

> *"The most rapidly acting antiseptics are "the halogens and those liberating nascent "oxygen."—Lancet, April 27, 1940.**

> *"Profuse fluid exudation can be deliberately "produced by applying hypertonic solutions "of salt."—Lancet, May 4, 1940.**

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The clean wound is kept sterile by an isotonic antiseptic protective layer, applied by dressing, irrigation or immersion. In this mild aqueous medium a normal granulation proceeds.

> *"The proper vehicle for an antiseptic to be "applied to a wound is water, and the "solution should if possible be rendered "isotonic."—Lancet, May 4, 1940.**

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The Milton is then reduced to ½ per cent. at which dilution the hypochlorite has been found to actually stimulate cell-division and tissue-growth, with consequent rapid healing. After débridement, this course of treatment is normally painless.

This therapy cannot be carried out with full success by the use of Dakin's solution or of Liq. Sod. Chlorin., owing to their causticity, their deficient saline content and to their varying strength of hypochlorite.

* *Prevention and Treatment of Wound Infection.*
*Action of Antiseptics on Wounds.*

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Destroys spermatozoa effectively.
Contains no quinine or cacoa butter.
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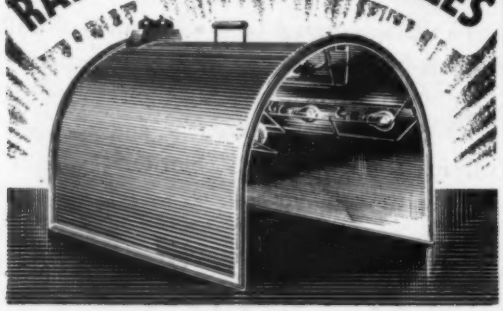

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**STATEMENT OF ACCOUNTS**

*December 31, 1940*

| LIABILITIES | £ |
|---|---|
| Capital paid up ... ... ... | 15,158,621 |
| Reserve Fund ... ... ... | 12,410,609 |
| Current, Deposit and other Accounts ... ... ... | 578,663,617 |
| Acceptances and Confirmed Credits ... ... ... | 4,797,146 |
| Engagements ... ... ... | 9,351,644 |
| **ASSETS** | |
| Coin, Notes and Balances with Bank of England ... ... | 69,527,197 |
| Balances with, and Cheques on other Banks ... ... ... | 21,974,434 |
| Money at Call and Short Notice ... | 26,069,553 |
| Bills Discounted (British Treasury Bills £48,048,384) ... ... | 57,641,734 |
| Treasury Deposit Receipts ... | 67,500,000 |
| Investments ... ... ... | 156,686,506 |
| Advances and other Accounts ... | 188,083,067 |
| Liabilities of Customers for Acceptances, etc. ... ... | 14,148,790 |
| Bank Premises ... ... ... | 9,613,124 |
| Shares in Yorkshire Penny Bank Ltd. ... ... ... | 937,500 |
| Shares in Affiliated Companies: Belfast Banking Co. Ltd. ... The Clydesdale Bank Ltd. ... North of Scotland Bank Ltd. ... Midland Bank Executor and Trustee Co. Ltd. ... ... | 8,199,732 |

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The Society's business is unaffected. At the outbreak of war all records and papers were moved to "Highfield," Chesterton, Cirencester, Glos.

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T. J. EVANS, Dean.

## The Medical Registration Council.

CHANGE OF ADDRESS.

The Office of the Medical Registration Council (Ireland) has been changed from 35, Upper Fitzwilliam-street to 68, FITZWILLIAM-SQUARE, Dublin.

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## BRITISH POSTGRADUATE MEDICAL SCHOOL

(UNIVERSITY OF LONDON)

### INTENSIVE COURSE IN WAR MEDICINE

**3rd to 7th February**

| | | |
|---|---|---|
| Monday, 3rd Feb. | 10–11.30 A.M. | Effort Syndrome. |
| | 11.30–1 P.M. | The Prevention in Barracks and the Field of certain Wartime Diseases of Special Military Importance. |
| | 1.30–3 P.M. | Dyspepsia in War. |
| | 3–4 P.M. | Prescribing in Wartime. |
| Tuesday, 4th Feb. | 10–11.30 A.M. | Skin Diseases in Wartime. |
| | 11.30–1 P.M. | The Prevention in Barracks and the Field of certain Wartime Diseases of Special Military Importance (*contd.*). |
| | 1.30–3 P.M. | Protective Inoculation, with special reference to Tetanus. |
| | 3–4 P.M. | Carbon Monoxide Poisoning. |
| Wednesday, 5th Feb. | 10–11.30 A.M. | Dietetic Deficiencies in War. |
| | 11.30–1 P.M. | Trench Fever and Trench Nephritis. |
| | 1.30–3 P.M. | Treatment of Gas Casualties. |
| | 3–4 P.M. | Frostbite. |
| Thursday, 6th Feb. | 10–11.30 A.M. | War Neuroses. |
| | 11.30–1 P.M. | Medical Management of Chest Wounds. |
| | 1.30–3 P.M. | Medical Aspects of Head Injuries. |
| | 3–4 P.M. | Food Poisoning. |
| Friday, 7th Feb. | 10–11.30 A.M. | War Neuroses (*contd.*). |
| | 11.30–1 P.M. | Sulphonamide Drugs in War. |
| | 1.30–3 P.M. | Practical Management of Wound Shock. |
| | 3–4 P.M. | Effects of Blast. |

Names of lecturers will be notified later.

The fee for the Course will be one guinea, but no fee will be charged in the case of Officers of the Armed Forces and Emergency Medical Service who submit a leave certificate and register their names before the commencement of the Course.

Applications for tickets should be addressed to the Dean, British Postgraduate Medical School, Ducane Road, W.12.

# CHISWICK HOUSE,

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**Telephone: PINNER 234.**

**A Private Hospital for the Treatment and Care of Mental and Nervous Illnesses in both Sexes.**

**A modern country house, 12 miles from Marble Arch, in attractive and secluded surroundings. Fees from 10 guineas per week inclusive. Cases under Certificate, Voluntary and Temporary Patients received for treatment.**

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Mrs. MILLICENT HICKS, *Superintendent* W. J. HICKS, *Secretary*

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A few vacancies in 1st and 2nd Class Houses.
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PRIVATE MENTAL HOME for Nervous and Mental Illness. All forms of treatment available. Fees from 4 gns. per week upwards according to requirements. Vacancies occasionally exist at reduced fees on the recommendation of the patient's own physician.
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Medical Superintendent: R. Y. KEERS, M.D.(Edin.)
For prospectus apply to The Secretary, Tor-na-Dee, Murtle, Aberdeenshire Telephone: Cults 107

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A PRIVATE HOSPITAL for the treatment of mental and nervous illnesses. Conveniently situated and easy of access from all parts. Six acres of ground facing Finsbury Park. Voluntary and Temporary Patients received without certification. Occupational Therapy, Psychotherapy, and other modern forms of treatment. Air-raid Shelters have been provided.
*Telephone:* Stamford Hill 2688. *Telegrams:* "SUBSIDIARY, LONDON."
For further particulars apply to the MEDICAL SUPERINTENDENT.

**SHAFTESBURY HOUSE** FORMBY-BY-THE-SEA Nr. LIVERPOOL
Specially built and licensed for the care and treatment of a limited number of Ladies and Gentlemen suffering from NERVOUS and MENTAL breakdown. Voluntary and certified patients received. Ladies also admitted as Temporary Patients without certification. Terms moderate. *Apply*, RESIDENT PHYSICIAN, who may be seen in Liverpool, by appointment. *Tel. No.* 8 *Formby.*

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Separate Villa for patients suffering from the effects of alcoholism and drug addiction. Every facility for complete investigation and individual treatment on the most modern lines. Fully equipped gymnasium, golf course, and indoor swimming pool. Specially trained occupational and recreational therapists. **Special Department for Insulin Therapy.** As the hospital is well endowed terms are exceptionally moderate, e.g., First Department from 3 guineas per week, Second Department, 2 and 2½ guineas per week. Voluntary and certified patients are received. Medical Certificates given anywhere in the British Isles are valid for admission of patients. *For prospectus, necessary forms, and further information apply to:—*
Physician Superintendent, P. K. McCowan, J.P., M.D., F.R.C.P., D.P.M., Barrister-at-Law. *Tel.* Dumfries 1119.

**HAYDOCK LODGE,**
NEWTON-LE-WILLOWS, LANCASHIRE.
For the reception and treatment of PRIVATE PATIENTS of both sexes of the UPPER AND MIDDLE CLASSES suffering from Mental and Nervous Disorders, Alcoholism and Drug addiction, either voluntarily, temporarily, or under certificate. Patients are classified in separate buildings according to their mental condition. Situated in park and grounds of 400 acres. Self-supported by its own farm and gardens in which patients are encouraged to occupy themselves. Every facility for indoor and outdoor recreation. For terms, prospectus, etc., apply MEDICAL SUPERINTENDENT. *'Phone:* Ashton-in-Makerfield 7311. *Tele. Address:* Street, Ashton-in-Makerfield.

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*A Private Hospital for the Care and Treatment of those of both sexes suffering from MENTAL DISORDERS.*
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**CONVALESCENT HOME AT BOURNEMOUTH** Detached Villas standing in 12 acres of ornamental grounds, with tennis courts, etc., which Voluntary, Temporary or Certified Patients may visit by arrangement for long or short period.
Illustrated Brochure on application to the Medical Superintendent. The Old Manor, Salisbury. Telephone: Salisbury 3216 and 3217.

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## FOR NERVOUS AND MENTAL DISORDERS, NORTHAMPTON

*FOR THE UPPER AND MIDDLE CLASSES ONLY.*

PRESIDENT: THE MOST HON. THE MARQUESS OF EXETER, K.G., C.M.G., A.D.C.

MEDICAL SUPERINTENDENT: THOMAS TENNENT, M.D., M.R.C.P., D.P.H., D.P.M.

This Registered Hospital is situated in 130 acres of park and pleasure grounds. Voluntary patients, who are suffering from incipient mental disorders or who wish to prevent recurrent attacks of mental trouble; temporary patients, and certified patients of both sexes are received for treatment. Careful clinical, bio-chemical, bacteriological, and pathological examinations. Private rooms with special nurses, male or female, in the Hospital or in one of the numerous villas in the grounds of the various branches can be provided.

### WANTAGE HOUSE

This is a Reception Hospital in detached grounds with a separate entrance, to which patients can be admitted. It is equipped with all the apparatus for the complete investigation and treatment of Mental and Nervous Disorders by the most modern methods: insulin treatment is available for suitable cases. It contains special departments for hydrotherapy by various methods, including Turkish and Russian baths, the prolonged immersion bath, Vichy Douche, Scotch Douche, Electrical baths, Plombieres treatment, etc. There is an Operating Theatre, a Dental Surgery, an X-Ray Room, an Ultra-violet Apparatus, and a Department for Diathermy and High-frequency treatment. It also contains Laboratories for bio-chemical, bacteriological, and pathological research. Psychotherapeutic treatment is employed when indicated.

### MOULTON PARK

Two miles from the Main Hospital there are several branch establishments and villas situated in a park and farm of 650 acres. Milk, meat, fruit, and vegetables are supplied to the Hospital from the farm, gardens, and orchards of Moulton Park. Occupational therapy is a feature of this branch, and patients are given every facility for occupying themselves in farming, gardening, and fruit growing.

### BRYN-Y-NEUADD HALL

The seaside house of St. Andrew's Hospital is beautifully situated in a Park of 330 acres, at Llanfairfechan, amidst the finest scenery in North Wales. On the North-West side of the Estate a mile of sea coast forms the boundary. Patients may visit this branch for a short seaside change or for longer periods. The Hospital has its own private bathing house on the seashore. There is trout-fishing in the park.

At all the branches of the Hospital there are cricket grounds, football and hockey grounds, lawn tennis courts (grass and hard courts), croquet grounds, golf courses, and bowling greens. Ladies and gentlemen have their own gardens, and facilities are provided for handicrafts, such as carpentry, etc.

For terms and further particulars apply to the Medical Superintendent (TELEPHONE: No. 2356 and 2357 Northampton), who can be seen in London by appointment.

# CHEADLE ROYAL HOSPITAL, Cheadle, Cheshire.

This REGISTERED HOSPITAL, with a SEASIDE BRANCH at Colwyn Bay, N. Wales, is for the treatment and care of those of the Upper and Middle Classes suffering from MENTAL AND NERVOUS DISEASES.

The Hospital is governed by a COMMITTEE, appointed by the TRUSTEES of the Manchester Royal Infirmary.

In addition to the Main Buildings there are separate villas. Extensive grounds. Hard and grass tennis courts, cricket and croquet grounds, and a court for badminton. There are also wireless installations. Golf may be had within easy distance. Occupational Therapy.

VOLUNTARY, TEMPORARY, AND CERTIFIED PATIENTS received.

The Hospital is nine miles from Manchester, 50 minutes by rail from Liverpool, and 3½ hours from London.

For terms and further particulars apply to the Medical Superintendent, who may be seen in Manchester BY APPOINTMENT. *Telephone: Gatley* 2231 (3 lines).

# CAMBERWELL HOUSE

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***For the treatment of MENTAL DISORDERS.***

Also completely detached Villas for Mild Cases, with private suites if desired. Voluntary Patients received. Twenty acres of Grounds. Hard and Grass Tennis Courts, Putting Greens, Bowls, Croquet, Squash Rackets, Recreation Hall with Badminton Court, and all indoor amusements, including Wireless and other Concerts, Occupational Therapy, Calisthenics, and Dancing Classes. X-ray and Actino-therapy, Prolonged Immersion Baths, Operating Theatre, Pathological Laboratory, Dental Surgery, and Ophthalmic Department. Chapel. **Shock and also modified Insulin Therapy.**

Senior Physician: Dr. HUBERT JAMES NORMAN, assisted by a resident Medical Staff, and visiting Consultants.

An Illustrated Prospectus, giving fees which are strictly moderate, may be obtained upon application to the Secretary.

**The Convalescent Branch is Hove Villa, Brighton, and is 200 feet above sea level.**

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First opened in 1893 and rebuilt in 1925 on the Cotswold Hills seven miles from Cheltenham, for the Treatment of Pulmonary and all other forms of Tuberculosis. Aspect S.S.W., sheltered from North and East, elevation 800 feet. Pure bracing air, SPECIAL TREATMENT by artificial PNEUMOTHORAX (X-ray controlled). TUBERCULINS, and ULTRA-VIOLET RAYS is available when necessary without extra charge. X-RAY plant, Fully Equipped Dental Department, Electric Light Radiators, hot and cold basins and Wireless in all rooms. Up-to-date drainage. Full day & night Nursing Staff. **Terms: 5¼ to 8¼ Guineas a week inclusive.**

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# PECKHAM HOUSE, 112, Peckham Road, London, S.E.15

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A Private Mental Hospital, for Ladies and Gentlemen suffering from Nervous and Mental Illness, where the amenities of a comfortable home are combined with full investigation and every well-established modern treatment.

Terms from 3½ guineas weekly.

Illustrated Prospectus may be obtained from the Physician Superintendent.

# CALDECOTE HALL

**NUNEATON**
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**Residential treatment of**

## "Nervous Disorders" & Alcoholism

(Certifiable cases are not received)

This beautiful mansion situated in the heart of the country (less than two hours from London by L.M.S.R.) and surrounded by charming pleasure grounds in which games and outdoor occupational therapy are available is devoted to the treatment of Alcoholism and "Nerves" by psychotherapeutic and ancillary methods.

*Illustrated Brochure and particulars obtainable from A. B. CARVER, M.D., D.P.M., Resident Medical Superintendent.*

## PORTSMOUTH CITY MENTAL HOSPITAL

Accommodation is provided for the reception of PRIVATE PATIENTS of both sexes in three detached Villas, which are healthily and pleasantly situated in extensive grounds with sea views.

Charges from 3 guineas weekly, including all necessaries except clothing.—Apply to the Medical Superintendent and Resident Physician, THOMAS BEATON, O.B.E., M.D., F.R.C.P.

## THE COPPICE, NOTTINGHAM.

HOSPITAL FOR MENTAL DISEASES.

President: The Right Hon. LORD BELPER.

This Institution is exclusively for the reception of a limited number of PRIVATE PATIENTS of both sexes, of the UPPER and MIDDLE CLASSES, at moderate rates of payment. It is beautifully situated in its own grounds, on an eminence a short distance from Nottingham, and commands an extensive view of the surrounding country; and from its singularly healthy position and comfortable arrangements affords every facility for the relief and cure of those mentally afflicted. Voluntary and Temporary Patients received. Occupational Therapy. For terms, &c., apply to the Medical Superintendent.

Telephone: 64117 Nottingham.

## MALLING PLACE, KENT

For LADIES and GENTLEMEN of Unsound Mind.

Terms moderate. Apply to Resident Medical Superintendent. Telegrams: ADAM WEST MALLING Telephone No. 2: MALLING.

## THE GROVE HOUSE,

CHURCH STRETTON, SHROPSHIRE.

Private Home for Ladies mentally ill. Voluntary and Temporary Patients received.

Medical Superintendent: Dr. J. A. MCCLINTOCK

## King Edward Memorial Hospital,

Mattock-lane, Ealing, W.13.

Applications are invited from registered medical practitioners for the appointment of a HOUSE PHYSICIAN (A) to become vacant on February 1st, including R practitioners within three months of qualification. The appointment will be for a period of six months. The salary is at the rate of £150 per annum, with usual residential emoluments.

Applications, stating age, qualifications with dates, and nationality, accompanied by copies of two recent testimonials, should be sent to the undersigned immediately.

R. A. MICKELWRIGHT, House Governor.

## Royal Free Hospital,

Gray's Inn-road, W.C.1.

Applications are invited for the post of HONORARY ASSISTANT OBSTETRIC SURGEON. Candidates must be Fellows of the Royal College of Surgeons of England. The appointment is a temporary one for the duration of the war.

Applications, accompanied by copies of three recent testimonials, should be sent to the undersigned on or before the 8th February, 1941. RICHARD T. BARTLEY, Secretary.

## Royal Free Hospital,

Gray's Inn-road, W.C.1.

Applications are invited for the post of DISTRICT OBSTETRIC ASSISTANT, tenable for six months in the first place, at a salary of £100 per annum. Duties to commence 1st March, 1941.

Candidates must be duly qualified registered medical Women.

Application form may be obtained from the undersigned and should be duly filled in and returned on or before the 8th February, 1941. RICHARD T. BARTLEY, Secretary.

## Royal Free Hospital,

Gray's Inn-road, W.C.1.

Applications are invited from registered medical practitioners for the appointment of RESIDENT ASSISTANT REGISTRAR (B1). The duties will comprise mainly those of Casualty Officer.

Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply. Salary £550 per annum, payable by the Ministry of Health.

Applications, stating age, and accompanied by copies of three recent testimonials, should be sent to the undersigned (from whom all information may be obtained) on or before 8th February, 1941. Duties to commence 1st March, 1941.

RICHARD T. BARTLEY, Secretary.

## The Royal Waterloo Hospital,

Waterloo-road, S.E.1.

Applications are invited from registered medical practitioners (Male) for the appointment of a CASUALTY OFFICER AND HOUSE PHYSICIAN (A), to become vacant on 1st February, 1941, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Salary is at the rate of £125 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than the 28th January, 1941.

J. H. TEASDALE, Secretary.

## Metropolitan Borough of Stepney.

APPOINTMENT OF TWO TEMPORARY ASSISTANT MEDICAL OFFICERS OF HEALTH.

Applications are invited from registered medical practitioners holding a registrable diploma in sanitary science, public health, or State medicine for two appointments of Temporary Assistant Medical Officers of Health, at an inclusive salary of £600 per year, with a car allowance of £50 per year.

The two officers appointed will be required to devote the whole of their time to the duties of the office under the direction of the Medical Officer of Health, which will consist of frequent and regular inspections by day and night of the public air-raid shelters and rest and feeding centres in the district, and such other medical services as the Medical Officer of Health may require of them.

The appointments are subject to one month's notice on either side, and to the Council's Superannuation Scheme insofar as the Local Government Superannuation Act, 1937, may apply.

Applications, on the form provided, together with copies of three recent testimonials, and endorsed on the envelope "Assistant Medical Officer," must be addressed to the undersigned only, and should reach him not later than 27th January, 1941.

Forms and particulars from the undersigned.

Canvassing is prohibited.

W. ERIC ADAMS, A.R.P. Controller.

The Control Centre, Osborn-street, London, E.1.

## Hampstead General Hospital,

Haverstock Hill, N.W.3.

(REGION 5, SECTOR 4—E.M.S.)
At Haverstock Hill, N.W.3.

Applications are invited from single medical Men, including R practitioners holding A posts, for the post of HOUSE SURGEON (B2) for six months, vacant 1st March. Salary £133 6s. 8d. per annum.

At OUT-PATIENT DEPT., Camden Town, N.W.1.

Applications are invited from single medical Women for the post of CASUALTY MEDICAL OFFICER (B2) for six months, vacant 1st February. Salary £100 per annum, plus an allowance at £50 per annum for duties in connexion with the First-Aid Post established there.

Applications on the prescribed form, with copies of three testimonials, to be returned by 21st January.

KENNETH A. F. MILES, Secretary.

## St. John's Hospital, Lewisham,
S.E.13.

Applications are invited from registered medical practitioners for the appointment of RESIDENT SURGICAL OFFICER (B1) (Male), to become vacant on February 1st, 1941. Applicants should have held house appointments and had surgical experience. Preference will be given to candidates holding Diploma of F.R.C.S. Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply. Salary £200, plus panel fees for resident female staff.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

J. C. GILBERT, Secretary-Superintendent.

## St. John's Hospital, Lewisham,
S.E.13.

Applications are invited from registered medical practitioners, Male or Female, for the appointment for six months of a HOUSE SURGEON and a CASUALTY OFFICER (A) to become vacant on February 1st next, including R practitioners within three months of qualification. Salary £100 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent as soon as possible to the undersigned.

J. C. GILBERT, Secretary-Superintendent.

## The Royal Masonic Hospital,
Ravenscourt-park, W.6.

A post of RESIDENT MEDICAL OFFICER (B1), Male, is now vacant. Salary at the rate of £300 per annum, with board, residence, and laundry. The appointment is for twelve months. Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply. Candidates must be registered and must have held resident appointments at a General Hospital. The Royal Masonic Hospital is primarily for paying patients of both sexes of moderate means, usually unable to afford ordinary Nursing Home treatment, &c. Military work is being done in addition to the civilian work.

Applications, stating full particulars, to be sent immediately to the HONORARY SECRETARIES, from whom further information may be obtained.

## British Postgraduate Medical School.
(UNIVERSITY OF LONDON.)

Applications are invited from registered medical practitioners, Male and Female, for the appointment of CASUALTY OFFICER (B2), including R practitioners who hold A posts and who have not completed a five months' tenure of those posts. The appointment is limited to six months, but may be extended, except in the case of R practitioners. The salary is at the rate of £150 per annum, without residential emoluments.

Applications, stating age, qualifications with dates, nationality, and accompanied by copies of three recent testimonials, should be sent to the DEAN, British Postgraduate Medical School, Ducane-road, W.12.

## The Royal Cancer Hospital (Free)
(Incorporated under Royal Charter),
Fulham-road, London, S.W.3.

Applications are invited for the post of HOUSE SURGEON (A), including R practitioners within three months of qualification, when appointment will be limited to six months, to commence duties on the 1st April, 1941. Candidates must be unmarried. Salary at the rate of £100 per annum. The appointment is for six months and subject to rules, a copy of which can be obtained from the Secretary.

Applications, to be made on a form which will be supplied by the Secretary, with copies only of not more than three recent testimonials, to be sent to the Secretary not later than the first post on Wednesday, 12th February, 1941.

CLEMENT COBBOLD, Secretary.

## The South London Hospital for Women,
Clapham Common, S.W.4.

Applications are invited from medical Women for the undermentioned appointment:—

HOUSE PHYSICIAN

for a period of six months from 1st March. Salary at the rate of £100 per annum, with full residential emoluments.

Candidates are requested to call on members of the Hon. Medical Staff, and applications, stating age, nationality, qualifications with dates, and accompanied by copies of three recent testimonials, should reach the SECRETARY at the Hospital, before Thursday, 13th February.

## King Edward Memorial Hospital,
Mattock-lane, Ealing, W.13.

Applications are invited from registered medical practitioners Male or Female, for the appointment of CASUALTY OFFICER AND DEPUTY RESIDENT MEDICAL OFFICER (B2) now vacant, including R practitioners who now hold A posts; six months' appointment. Salary at the rate of £225 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of two recent testimonials, should be sent to the undersigned immediately.

R. A. MICKELWRIGHT, House Governor.

## Middlesex County Council.

RESIDENT CASUALTY OFFICER (B1) FOR CENTRAL MIDDLESEX COUNTY HOSPITAL.

Applications invited from registered medical practitioners (including suitably qualified R practitioners in B2 or B1 posts) who have held house appointments in general hospitals and had good all-round but particularly surgical experience. Salary £350 per annum. Emoluments: board, lodging and laundry. Whole-time duties under Medical Superintendent will include dealing with casualties and admission to hospital and such other duties as may be required. Subject to medical examination and one month's notice, is for six months in the first instance, but may be extended for a further six months. Post vacant end of February. Applications, stating age, nationality, qualifications with dates, experience and details of previous appointments, to the undersigned. No application forms provided. Relationship to any member or officer of the Council to be disclosed. Copies of not more than three recent testimonials. Canvassing, directly or indirectly, will disqualify. Closing date February 1st, 1941.

C. W. RADCLIFFE, "B3," Clerk of the County Council.
Guildhall, Westminster, S.W.1.

## Middlesex County Council.

RESIDENT CASUALTY OFFICER (B1) FOR NORTH MIDDLESEX COUNTY HOSPITAL.

Applications invited from registered medical practitioners (including suitably qualified R practitioners in B2 or B1 posts) who have held house appointments in general hospitals and had good all-round experience. Salary £350 per annum. Board, lodging and laundry. Whole-time duties under Medical Superintendent will include dealing with casualties and admissions to hospital and such other duties as may be required. Opportunity for major surgery. Subject to medical examination and one month's notice, is primarily for six months, but may be extended for further six months. Post vacant March, 1941. Hours of duty are 10 A.M. to 6 P.M. daily, with Saturday afternoons and Sundays free. Application, stating age, nationality, qualifications with dates of experience and details of previous appointments to the undersigned. No application forms provided. Relationship to any member or officer of Council to be disclosed. Copies of not more than three recent testimonials. Canvassing, directly or indirectly, will disqualify. Closing date February 1st, 1941.

C. W. RADCLIFFE, "B3," Clerk of the County Council.
Guildhall, Westminster, S.W.1.

## Middlesex County Council.

RESIDENT JUNIOR ASSISTANT MEDICAL OFFICER (B2) for NORTH MIDDLESEX COUNTY HOSPITAL.

Applications invited from registered medical practitioners, Male or Female, who have held resident appointments in general hospitals, and also from R practitioners who now hold A posts, when appointment will be limited to six months. Salary £250 per annum. Board, lodging and laundry. Whole-time general medical and surgical duties under supervision of Medical Superintendent. Subject to medical examination and one month's notice, is primarily for six months, but may be extended for a further six months. Post vacant March, 1941. Application, stating age, qualifications with dates, nationality, present post and previous appointments, to the undersigned. No application forms provided. Relationship to any member or officer of the Council to be disclosed. Copies of not more than three recent testimonials. Canvassing, directly or indirectly, will disqualify. Closing date February 1st, 1941.

C. W. RADCLIFFE "Z," Clerk of the County Council.
Guildhall, Westminster, S.W.1.

## Middlesex County Council.

NON-RESIDENT CASUALTY OFFICER (B1) for WEST MIDDLESEX COUNTY HOSPITAL.

Applications invited from registered medical practitioners (including suitably qualified R practitioners in B2 or B1 posts) who have held house appointments in general hospitals and had considerable all-round experience. Salary £350 per annum with £100 per annum non-resident allowance. Whole-time duties under supervision of Medical Superintendent will include dealing with casualties and admissions to hospital, and such other duties as may be required. Subject to medical examination and one month's notice is for six months in the first instance, but may be extended for a further six months.

Applications, stating age, nationality, qualifications with dates, experience, and details to the undersigned. No application forms provided. Relationship to any member or officer of the Council to be disclosed. Copies of not more than three recent testimonials. Canvassing, directly or indirectly, will disqualify. Closing date 8th February, 1941.

C. W. RADCLIFFE, "B3," Clerk of the County Council.
Guildhall, Westminster, S.W.1, 17th January, 1941.

## Royal Northern Hospital,
Holloway, N.7.

Applications are invited from registered medical practitioners (Male) for the appointment of a HOUSE SURGEON (B2), to become vacant on March 1st, for a period of six months, including R practitioners who now hold A posts. Salary is at the rate of £70 per annum, plus extra emoluments and board, residence, and laundry.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than January 31st.

GILBERT G. PANTER, Secretary.

# HIS MAJESTY'S COLONIAL SERVICE

## THE COLONIAL MEDICAL SERVICE

## VACANCIES FOR MEDICAL OFFICERS

The maintenance of an efficient Colonial Medical Service constitutes a vital part of the national war effort and it is most mportant that the Service should be assured of an adequate supply of doctors.

The Secretary of State for the Colonies therefore invites applications from doctors possessing a medical qualification registrable in the United Kingdom who are British subjects and who are under thirty-five years of age.

Medical Officers are appointed in the first instance for general service. But there are ample opportunities for work in special branches of medicine and surgery, in public health and in medical research.

The normal salary scale is from £600 to between £1,000 and £1,120. There are large numbers of super-scale posts to which promotion is made on merit and which carry higher salaries.

Government quarters, in many cases free of rent, and first-class passages to and from the Colonies are provided, and an adequate pension scheme is in force.

Selected candidates are normally required to attend a course of instruction in Tropical Medicine and Hygiene either before proceeding overseas or during their first period of leave.

Further particulars, including the regulations governing admission to the Colonial Medical Service, may be obtained from the Director of Recruitment (Colonial Service), 29, Queen Anne's-gate, London, S.W.1.

### The Queen's Hospital for Children,
Hackney-road, E.2.

CASUALTY OFFICER required 1st March, 1941.
HOUSE PHYSICIAN required 1st March, 1941.
Six months' appointments. The above are normally B2 appointments, but candidates eligible for A appointments are also invited to apply. Salary at rate of £100 per annum, with certain additions, with board, lodging, and laundry in each case.
Candidates must be prepared to participate in the Emergency Hospital arrangements in connexion with which beds have been reserved.
Applications must be made on forms to be obtained from the undersigned and be sent in, with copies of not more than three testimonials, on or before 13th February, 1941.
CHARLES H. BESSELL, Secretary.

### Royal London Ophthalmic Hospital
(MOORFIELDS EYE HOSPITAL), City-road, E.C.1.

Applications are invited for the posts of Two REFRACTION ASSISTANTS, one to attend on Mondays and Thursdays and the other on Tuesdays and Fridays (mornings) each week.
Candidates must be registered medical practitioners.
Payment will be made at the rate of £1 5s. per session.
Applications, with testimonials, must be received by the undersigned not later than the 3rd February, 1941.
A. J. M. TARRANT, Secretary.

### Hospital of St. John and St. Elizabeth,
60, Grove End-road, N.W.8.

Applications are invited for the post of RESIDENT HOUSE PHYSICIAN (A) (Male), including R practitioners within three months of qualification. The post is recognised for the degree of M.D. London University. The appointment will be for six months and will commence on 1st March, 1941. Salary at the rate of £150 per annum, with full board.
Applications, together with copies of three testimonials, should reach the undersigned by Tuesday, 11th February.
Applicants will be required to attend a meeting of the Medical Committee on Thursday, 13th February, at 12 NOON, at the Hospital.
F. DUDLEY HOBBS, B.A., Secretary.

### German Hospital, London.
(British Voluntary Hospital under E.M.S. Scheme),
Ritson-road, Dalston, E.8.

HOUSE SURGEON (B2) with some practical experience wanted for immediate start. R practitioners now holding A posts may apply, when the appointment will be limited to six months. Salary £200 per annum, with board, lodging, and laundry.
Send application, with copies of testimonials, to the SECRETARY.

### The London Chest Hospital.
Victoria Park, E.2.

A vacancy for Class B2 HOUSE PHYSICIAN will occur at once. R practitioners now holding A posts may apply. Six months' appointment. Salary at the rate of £100 per annum. Board, residence, and laundry provided.
Applications, with copies of three testimonials, should be sent immediately to the SECRETARY.

### The Children's Hospital, Sheffield
(INC.) (157 Beds.)

Applications are invited from registered medical practitioners, Male and Female, for the appointment of HOUSE SURGEON (A), to become vacant on 1st February, 1941, including R practitioners within three months of qualification. Appointment is for a period of six months. Salary at the rate of £100 per annum, with full residential emoluments.
Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned.
T. H. G. GARTLAND, Superintendent and Secretary.

### King George Hospital, Ilford.

Applications are invited for the appointment of HOUSE SURGEON, Male (A), including registered practitioners within three months of qualification. Appointment for six months. Salary at the rate of £200 per annum.
Forms of application can be obtained from the undersigned.
G. AUSTIN HEPWORTH, Secretary and Superintendent.

### Enfield Education Committee.

ASSISTANT SCHOOL MEDICAL OFFICER.
Applications are invited from unmarried women for the appointment of Assistant School Medical Officer, at a salary of £600 per annum, rising by annual increments of £25 to £725 per annum (with car allowance of £60 per annum).
Preference will be given to applicants holding a diploma in Public Health. The officer appointed will be required to reside in the district.
In addition to duties as Assistant School Medical Officer, the officer appointed will be required to carry out duties in connexion with Maternity and Child Welfare, and A.R.P. and such other duties as may be assigned by the Education Committee or the School Medical Officer.
The appointment will be full-time and subject to the provisions of the Local Government Superannuation Act, 1937, including medical examination by the Medical Officer of Health, and to such of the conditions of employment of the Education Committee as may apply. The officer appointed will be entitled to one month's annual holiday, subject to the exigencies of the service.
Forms of application, which can be obtained from me, should be returned with copies of three recent testimonials by the first post on February 10th, 1941.
E. PASCAL, Director of Education.
Education Offices, Silver-street, Enfield, Middlesex,
18th January, 1941.

### Emergency Hospital Scheme.

HORTHAM EMERGENCY HOSPITAL, near BRISTOL.

APPOINTMENT OF JUNIOR MEDICAL OFFICER (A).
Applications are invited from registered medical practitioners, Male, for the above appointment. The salary is at the rate of £200 per annum, with free board and residence, or an allowance at the rate of £100 per annum in lieu of these emoluments if living in billets.
Appointment will be temporary, subject to one month's notice on either side. R practitioners within three months of qualification may apply, when the appointment will be for a period of six months.
Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, accompanied by copies of three recent testimonials, should be sent to the MEDICAL SUPERINTENDENT, Hortham Colony, Almondsbury, near Bristol, not later than February 8th.
The appointment will be subject to the terms relating to the Emergency Hospital Scheme laid down by the Ministry of Health, and Corporation's conditions of service will not apply to the position.

### The Royal Earlswood Institution for
MENTAL DEFECTIVES, REDHILL, SURREY.

ASSISTANT MEDICAL OFFICER (B1) required, Male (British birth), unmarried. R practitioners holding B2 or B1 posts may apply. Salary £350 per annum, with board-residence.
Applications, with copies of three recent references, should be addressed to the MEDICAL SUPERINTENDENT, endorsed "Assistant Medical Officer."

### County Mental Hospital, Whittingham,
near PRESTON.

Wanted immediately, ASSISTANT MEDICAL OFFICER (LOCUM TENENS) (B1). Eight guineas per week, with board, lodging, and laundry.
Apply immediately, giving full particulars of age, nationality, experience, &c., to the MEDICAL SUPERINTENDENT, County Mental Hospital, Whittingham, near Preston, Lancs.

## Urban Districts of Newton-le-Willows
AND GOLBORNE.

WHOLE-TIME MEDICAL OFFICER.

Applications are invited from qualified persons for the position of Medical Officer to each of the above-named Urban Districts under a joint appointment by the respective Councils; each Council is the Maternity and Child Welfare Authority for its district, and the duties will extend to responsibility for the Clinical duties in this branch of each Council's service and to the Medical Superintendency of the Infectious Diseases Hospital of the Newton-le-Willows U.D.C. (serving two other areas).

The person to be appointed must be a duly qualified medical practitioner, and must in addition be registered as a holder of a Diploma in Sanitary Science, Public Health, or State Medicine. He must not engage in private practice, and is to devote his whole time to the two offices.

The appointment will be subject to the provisions of Section 110 of the Local Government Act, 1933, and the Sanitary Officers (Outside London) Regulations, 1935; also to the provisions of the Local Government and Other Officers' Superannuation Act, 1937, for the purposes of which the person selected for appointment will be subject to a medical examination.

The salary for the joint appointment will be £850 per annum, rising by two annual increments of £50 to a maximum of £950 per annum, together with a war bonus amounting to £24 per annum at the present time. A travelling allowance of £50 per annum will also be paid, and in each District office accommodation and clerical assistance will be provided.

Applications (endorsed "Medical Officer"), stating age, present position, past appointments, qualifications, and experience, accompanied by copies of not more than three recent testimonials, should be addressed to M. W. Coupe at the Town Hall, Market-street, Newton-le-Willows, Lancashire, so as to be received not later than NOON on Monday, the 17th February, 1941.

Canvassing will be a disqualification, and applications should be accompanied by a statement as to whether the applicant is related to any member or senior officer of either of the Councils.

M. W. COUPE,
Clerk of the Newton-le-Willows U.D.C.
H. ECKERSLEY,
Clerk of the Golborne U.D.C.

Town Hall, Market-street, Newton-le-Willows, Lancashire,
16th January, 1941.

## City of Liverpool.

ALDER HEY CHILDREN'S HOSPITAL.

APPOINTMENT OF RESIDENT ASSISTANT MEDICAL OFFICER (B2).

Applications are invited from registered medical practitioners (Male and Female), including R practitioners who now hold A posts, for the appointment of Resident Assistant Medical Officer (B2) at the above Hospital.

Preference will be given to candidates with experience in children's diseases. If held by an R practitioner the appointment will be limited to six months, otherwise it will be for a period of twelve months. The salary is at the rate of £200 per annum, with full residential allowances. All fees received in connexion with the appointment to be handed over to the City Council. The appointment will be made in accordance with the Standing Orders of the City Council and will be determinable by one month's notice on either side.

Applications, upon forms obtainable from the Medical Officer of Health, Hospitals Department, Gordon House, Belmont-grove, Liverpool, 6, to be endorsed "Resident Medical Officer," and returned to the undersigned so as to be received not later than 10 A.M. on Monday, 10th February, 1941.

W. H. BAINES, Town Clerk.

Municipal Buildings, Dale-street, Liverpool, 2,
January, 1941.

## City of Liverpool.

ALDER HEY CHILDREN'S HOSPITAL.

APPOINTMENT OF SENIOR RESIDENT ASSISTANT MEDICAL OFFICER (B1).

Applications are invited from registered medical practitioners (Male and Female) for the appointment of Senior Resident Assistant Medical Officer (B1).

Suitably qualified R practitioners holding B2 or BI appointments are invited to apply.

Candidates must be single, fully qualified, and registered, and should preferably have had considerable experience in diseases of children and possess one of the higher qualifications in medicine.

Salary at the rate of £350 per annum, rising by annual increments of £25 to £450 per annum, together with the usual residential allowances. All fees received in connexion with the appointment to be handed over to the City Council.

The position offers exceptional opportunity for anyone wishing to specialise in diseases of children.

The appointment will be made in accordance with the Standing Orders of the City Council and will be determinable by three months' notice on either side.

Applications should clearly specify "Senior Resident Assistant Medical Officer" and be made upon forms obtainable from the Medical Officer of Health, Hospitals Department, Gordon House, Belmont-grove, Liverpool, 6, to be endorsed "Senior Resident Assistant Medical Officer," and returned to the undersigned so as to be received not later than 10 A.M. on Monday, 10th February, 1941.

W. H. BAINES, Town Clerk.

Municipal Buildings, Dale-street, Liverpool, 2,
January, 1941.

## Keighley and District Victoria
HOSPITAL, YORKSHIRE, WEST RIDING.
(140 Beds—Two Residents.)

APPOINTMENT OF SECOND RESIDENT MEDICAL OFFICER.

Applications are invited from registered medical practitioners Female) for the following post:—

Second Resident Medical Officer, salary £120 per annum, to commence 1st March, 1941.

Proof of registration to be furnished before appointment.

Full residential emoluments. Term six months, renewable.

Applications, with particulars of age, experience, and nationality, together with photograph and copies of two recent testimonials, to be sent to the undersigned not later than 1st February, 1941.

J. YOUNG, Secretary-Superintendent.

## County of Kent.

PUBLIC HEALTH DEPARTMENT.

ALEXANDRA HOSPITAL, SWANLEY.

Applications are invited for the post of TEMPORARY MEDICAL SUPERINTENDENT (Male) at Alexandra Hospital for the Treatment of Pulmonary Tuberculosis, Swanley, which has 90 Beds.

The salary will be at the rate of £750 a year, rising, subject to satisfactory service, by biennial increments of £50 and one of £37 10s. to £937 10s. a year. The successful applicant will be required to reside in a house in the grounds, for which a deduction at the rate of £120 a year will be made from the salary, in respect of rent, rates, fuel, and lighting.

Applicants should have held resident appointments in a general hospital, have had experience in the sanatorium treatment of tuberculosis, and been in clinical practice for not less than three years.

Applications, stating age, qualifications, and experience, accompanied by three references, should reach the County Medical Officer, County Hall, Maidstone, not later than 3rd February, 1941.

W. L. PLATTS, Clerk of the County Council.

County Hall, Maidstone, 16th January, 1941.

## The Guest Hospital, Dudley.
(The Resident Staff consists of a Resident Surgical Officer and Three House Surgeons.)

Applications are invited from registered medical practitioners, Male, for the appointment of CASUALTY HOUSE SURGEON (A) now vacant, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Salary at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

H. RAYMOND HURST, House Governor and Secretary.

18th January, 1941.

## The Guest Hospital, Dudley.
(The Resident Staff consists of a Resident Surgical Officer and Three House Surgeons.)

Applications are invited from registered medical practitioners, Male, for the appointment of a HOUSE SURGEON (A) now vacant, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Salary at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned forthwith.

H. RAYMOND HURST, House Governor and Secretary.

18th January, 1941.

## Royal Hampshire County Hospital,
WINCHESTER.
(417 Beds, increasing to 457.)

Applications are invited from registered medical practitioners, including R practitioners within three months of qualification, for the appointment of HOUSE SURGEON (A). The appointment will be for a period of six months. Salary is at the rate of £175 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

H. EWART MITCHELL, Superintendent and Secretary.

## The Welsh National School of
MEDICINE.
(UNIVERSITY OF WALES.)

JUNIOR ASSISTANT IN THE MEDICAL UNIT.

A Junior Assistant is required in the Medical Unit of the Welsh National School of Medicine, Cardiff.

The appointment is temporary, for a period not exceeding two years, at a salary at the rate of £300 per annum.

Further particulars may be obtained from the undersigned, by whom applications, accompanied by copies of testimonials, must be received by Saturday, February 1st, 1941.

S. C. EDWARDS, Secretary.

The Welsh National School of Medicine,
The Parade, Cardiff.

## County Council of Essex and Urban
DISTRICT COUNCIL OF THURROCK.

APPOINTMENT OF ASSISTANT COUNTY MEDICAL OFFICER AND ASSISTANT MEDICAL OFFICER OF HEALTH.

Applications are invited for the undermentioned appointments:—

| | Commencing salary per annum. |
|---|---|
| Assistant County Medical Officer .. .. | £140 |
| Assistant Medical Officer of Health for the Urban District of Thurrock .. .. | £360 |
| | £500 |

Applicants, Male or Female, must be duly qualified medical practitioners with special experience in Obstetrics, hold a Diploma in Public Health, and should not be over forty-five years of age. A candidate's period of service in the War of 1914–1918 will be deducted.

The person appointed will be required to pass a medical examination, to contribute to the Superannuation Funds established by each Authority, and to reside in the Urban District of Thurrock.

The total salary of the person appointed will rise, subject to satisfactory service, by annual increments of £25 to £700. If the Officer appointed undertakes on behalf of the Thurrock Urban District Council attendance at a Women's Welfare Clinic, an additional £12 12s. per annum will be payable by the District Council. A travelling allowance of £9 per annum is payable by the District Council, and a mileage allowance is payable by the Essex County Council for use of the Officer's own car.

The appointment to the office of Assistant County Medical Officer will be subject to the Sick Pay Rules and Regulations of the County Council, a copy of which will be forwarded on application.

Applications, on the prescribed form, which is obtainable from the undersigned, should be delivered at the County Hall, Chelmsford, not later than 10 A.M. on Monday, the 3rd day of February, 1941.

CHRISTIAN BERRIDGE,
Deputy Clerk of the County Council.
A. E. POOLE,
Clerk to the Urban District Council of Thurrock.
County Hall, Chelmsford, 13th January, 1941.

## City of Birmingham.

DUDLEY ROAD HOSPITAL.
SELLY OAK HOSPITAL.

JUNIOR RESIDENT MEDICAL OFFICERS (MALE OR FEMALE)—A Posts.

Applications are invited from registered medical practitioners, including R practitioners within three months of qualification, for Junior Resident Medical Officers (Male or Female) at the above Hospitals for the treatment of medical and surgical cases. Salary at the rate of £200 per annum, with full residential emoluments. The appointments are for a period of not less than six months.

Further particulars may be obtained from the Medical Superintendents, and applications, stating age, experience, and qualifications, with copies of recent testimonials, should be forwarded to Dr. H. P. NEWSHOLME, Medical Officer of Health, Council House, Congreve-street, Birmingham, 3, not later than Thursday, 30th January, 1941.

## Royal Manchester Children's Hospital,
PENDLEBURY.

Applications are invited from registered medical practitioners, Male and Female (including R practitioners within three months of qualification), for the post of ASSISTANT MEDICAL OFFICER (A) at the OUT-PATIENTS' DEPARTMENT, Cartside-street, Manchester, to become vacant on 1st March next. The appointment will be for a period of six months, and the salary is at the rate of £150 per annum.

The hours of duty at the Out-patients' Department are from 9 A.M. until 1 P.M., or until the work of the department is finished. Preference will be given to candidates able to take up residence at the Hospital, Pendlebury, for evening relief duties.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than Thursday, 30th January, 1941.

By Order,
H. HEARDMAN, Secretary.

## Royal Manchester Children's Hospital,
PENDLEBURY.

Applications are invited from registered medical practitioners Male and Female (including R practitioners within three months of qualification), for the appointment of HOUSE SURGEON (A) to become vacant on 1st March.

The appointment is for a period of six months, and the salary is at the rate of £100 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, to be sent to the undersigned not later than Thursday, 30th January, 1941.

By Order,
H. HEARDMAN, Secretary.

## Emergency Hospital, Powick,
attached to WORCESTER COUNTY AND CITY MENTAL HOSPITAL, POWICK, near WORCESTER.

APPOINTMENT OF MALE RESIDENT SURGICAL OFFICER (B2).

Applications are invited from registered medical practitioners for the above post. The Hospital contains 350 Beds under the Emergency Hospital Scheme. Applicants should have held House appointments and had surgical experience. If held by an R practitioner the appointment will be for a period of six months. The appointment is determinable by one month's notice on either side. Salary at the rate of £350 per annum, with furnished apartments, board, attendance, and laundry.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent to the Medical Superintendent, address as above.

L. HISCOCK, Clerk of the Hospital.

## Winterton Emergency Hospital.

APPOINTMENT OF HOUSE PHYSICIANS (A).
APPOINTMENT OF HOUSE SURGEONS (A).

Applications are invited from registered medical practitioners (Male or Female), including R practitioners within three months of qualification, for appointments as House Surgeons or House Physicians at the above Hospital (1100 Beds). Appointments will be for six months and, except in the case of R practitioners, will be renewable.

The salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, accompanied by copies of two recent testimonials, should be forwarded to the MEDICAL SUPERINTENDENT, Winterton Emergency Hospital, Sedgefield, Co. Durham.

## Rochdale Infirmary and Dispensary,
LANCS. (110 Beds.)

APPOINTMENT OF SECOND HOUSE SURGEON.

The Board of Management invites applications for the appointment of Second House Surgeon (A appointment), including R practitioners within three months of qualification. If held by R practitioner, appointment will be for a period of six months.

Salary attached to the appointment is at the rate of £150 per annum, including board, residence, and laundry.

Applications, stating age, nationality, &c., together with copies of three recent testimonials, to be sent to the Secretary, Rochdale Infirmary.

The successful candidate must be a member of a medical defence society.

W. WYNNE, Secretary.

Infirmary Office, Rochdale.

## Nottingham General Hospital.
(501 Beds.)

Applications are invited from registered medical practitioners (Male and Female), including R practitioners within three months of qualification, for the appointment of a HOUSE SURGEON (A) for the above Hospital. Duties to commence on or about February 15th.

The appointment is for six months. Salary at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and copies of testimonials, should be sent to the undersigned.

HENRY M. STANLEY, House Governor and Secretary.

## Lincoln County Hospital.

Applications are invited from registered Medical Practitioners, Male, unmarried, including R Practitioners within three months of qualification, for the appointment of JUNIOR HOUSE SURGEON (A). The appointment is for six months. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, nationality, medical school and qualifications with dates, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

ARTHUR MOORE, Secretary-Superintendent.

Lincoln, 13th January, 1941.

## Victoria Hospital, Accrington.

HOUSE SURGEON (A).

Applications are invited from registered Medical Practitioners (Male or Female) for appointment of House Surgeon (A), including R Practitioners within three months of qualifying. If held by an R Practitioner, appointment limited to six months. Salary rate £175 per annum, with full residential emoluments.

Application, stating age, qualifications, and nationality, and accompanied by copies of three recent testimonials, to be sent to undersigned.

J. KENYON, Financial Secretary.

## Princess Elizabeth Orthopædic
HOSPITAL, EXETER.
(120 Beds.)

Applications are invited for the post of ASSISTANT HOUSE SURGEON (A). R practitioners within three months of qualification may also apply. Salary £150 per annum, with board, residence, and laundry.

The appointment is for six months.

Applications, stating age and experience, with copies of three recent testimonials, to be sent to—

P. MELHUISH, Secretary.

## Chesterfield and North Derbyshire ROYAL HOSPITAL.

(220 Beds. 160 E.M.S. Beds.)

APPOINTMENT OF A HOUSE PHYSICIAN (A).

Applications are invited from registered Male medical practitioners for the appointment of a House Physician (A), vacant now. R practitioners within three months of qualification may apply, when appointment will be limited to six months.

Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

M. H. BOONE, House Governor and Secretary.

8th January, 1941.

## Princess Louise Scottish Hospital for LIMBLESS SAILORS AND SOLDIERS, BISHOPTON, RENFREWSHIRE. (300 Beds.)

Applications are invited for the post of PHYSICIAN-SUPERINTENDENT. Candidates must be registered medical practitioners.

The institution consists of a hospital, a hostel, and workshops for war-disabled ex-Servicemen.

Salary £600, with free house, light, and coal.

The appointment would suit a retired medical service officer.

Applications, stating age and experience, together with copies of not more than three recent testimonials, should be sent to the Secretary, 201, West George-street, Glasgow, C.2.

T. A. HARVIE ANDERSON, Secretary.

7th January, 1941.

## The Corbett Hospital, Stourbridge, WORCS.

100 Beds, Special Departments and Emergency Beds.

Appointment of HOUSE SURGEON (A).

Applications are invited from registered medical practitioners, male and female, for the appointment of House Surgeon (A) to become vacant on February 1st, 1941, including R practitioners within three months of qualification. The appointment will be made for six months.

Salary is at the rate of £125 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned forthwith.

W. G. H. WESTON, Secretary.

## East Suffolk and Ipswich Hospital.

(380 Beds—8 Residents.)

Applications are invited from registered medical practitioners (Male or Female) for the following appointments, vacant on the dates stated :—

HOUSE SURGEON to the FRACTURE AND ORTHOPÆDIC DEPARTMENT (B2)—6th February.

HOUSE PHYSICIAN (B2)—1st April.

The above are open to R practitioners who now hold A posts.

HOUSE SURGEON to one of the Senior Surgeons and an Assistant Surgeon (A)—1st April.

HOUSE SURGEON to Gynæcologist (A)—1st April.

CASUALTY OFFICER (A)—1st April.

HOUSE SURGEON (A) to the EAR, NOSE AND THROAT AND EYE DEPARTMENTS—now vacant.

The above are open to R practitioners within three months of qualification.

Appointments for all posts will be for six months. Salary at the rate of £144 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, to be sent to the undersigned immediately.

ARTHUR GRIFFITHS, Secretary.

The Hospital, Ipswich, 18th January, 1941.

## Exeter City Hospital E.M.S.

APPOINTMENT OF HOUSE SURGEON (A).

Applications are invited from registered medical practitioners (Male) for the appointment of House Surgeon (A) to become vacant on 1st February, 1941, including R practitioners within three months of qualification. The appointment will be limited to six months. Salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned forthwith.

G. B. PAGE, Medical Officer of Health.

5, Southernhay West, Exeter, 16th December, 1940.

AMENDED ADVERTISEMENT.

## Addenbrooke's Hospital, Cambridge.

APPOINTMENT OF RESIDENT SURGICAL OFFICER (B1).

Applications are invited from registered medical practitioners for the appointment of Resident Surgical Officer to become vacant on February 17th, 1941. Applicants should have held house appointments and had surgical experience. Preference will be given to candidates holding Diploma of F.R.C.S. Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply. Salary is at the rate of £350 per annum.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than February 7th, 1941.

J. A. BEARDSALL, Secretary-Superintendent.

## Kettering and District General HOSPITAL.

APPOINTMENT OF A HOUSE PHYSICIAN (A).

Applications are invited from registered Medical Practitioners, Male and Female, for the appointment of a House Physician (A), to become vacant on 1st February, 1941. R Practitioners within three months of qualification may apply, when appointment will be limited to six months. Salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

G. W. JACKSON, Secretary-Superintendent.

## Royal Sheffield Infirmary and HOSPITAL.

THE ROYAL INFIRMARY, SHEFFIELD, 6.

Applications are invited from registered medical practitioners, Male and Female, for the following appointments :—

HOUSE SURGEON (A),

ASSISTANT CASUALTY OFFICER (A),

now vacant, including R practitioners within three months of qualification. The appointments will be tenable for six months. Salary is at the rate of £80 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned forthwith.

H. KINGSLEY PEARCE,
General Superintendent and Secretary.

11th January, 1941.

## Children's Hospital, Nottingham.

Applications are invited for the post (B1) of RESIDENT HOUSE SURGEON (Woman). The salary will be at the rate of £200 per annum, with apartments, board, and laundry. The appointment will be for six months, duties to commence on the 1st March, 1941.

Applications, together with testimonials, stating age, nationality, qualifications, and experience, to be sent to the HONORARY SECRETARY, 1, King John's-chambers, Bridlesmithgate, Nottingham, on or before Tuesday, January 28th, 1941. Selected candidates will be required to attend at the Hospital for a personal interview.

## Montagu Hospital, Mexborough.

(120 Beds and Cots.)

Applications are invited from registered medical practitioners for the appointment of RESIDENT SURGICAL OFFICER, (B2), to become vacant on 1st March. Applicants should have held house appointments and had surgical experience. Preference will be given to candidates holding diploma of F.R.C.S. Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply. Salary is at the rate of £400 per annum. The post offers a large scope of major operative work.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than 12th February, 1941.

A. LAYCOCK, Secretary-Superintendent.

## Royal West Sussex Hospital, CHICHESTER, SUSSEX.

APPOINTMENT OF JUNIOR HOUSE SURGEON (A).

Applications are invited from registered medical practitioners including R practitioners within three months of qualification for the appointment of Junior House Surgeon. The appointment will be for a period of six months.

Salary £145 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, accompanied by copies of three recent testimonials, should be sent to the undersigned.

K. H. WILLIAMS, House Governor and Secretary.

16th January, 1941.

## County Borough of Brighton.

ASSISTANT MEDICAL OFFICER (CIVIL DEFENCE).

Applications are invited for the above appointment from registered medical practitioners (Male), at a salary of £500 per annum, plus motor-car allowance of £50 per annum, unless and until the Corporation shall make available a car for the use of the Officer appointed.

The duties will be concerned with the organisation (subject to the control of the Medical Officer of Health) of the Casualty Services and will include the advanced training of A.R.P. personnel, practices, and such other duties for Civil Defence as may be required.

The appointment will be in the first instance for one year (subject to satisfactory service) and thereafter subject to one month's notice on either side.

Applications must be made on the official form which may be obtained (on receipt of a stamped addressed envelope) from the undersigned, and should be returned (endorsed "Assistant Medical Officer") not later than 12 NOON on Monday, 17th February, 1941.

Canvassing, either directly or indirectly, will be a disqualification.

J. G. DREW, Town Clerk.

Town Hall, Brighton, 1, 18th January, 1941.

## Addenbrooke's Hospital, Cambridge.

APPOINTMENT OF HOUSE PHYSICIAN (A).

Applications are invited from registered medical practitioners, Male and Female, for the appointment of House Physician (A), to become vacant early in February, including R practitioners within three months of qualification. The appointment will be for a period of six months, but is terminable at an earlier date by one month's notice on either side. Salary is at the rate of £130 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than Wednesday, January 29th, 1941.

J. A. BEARDSALL, Secretary-Superintendent.

## Addenbrooke's Hospital, Cambridge.

APPOINTMENT OF CASUALTY OFFICER AND SUPERNUMERARY HOUSE OFFICER (A).

Applications are invited from registered medical practitioners, Male and Female, for the appointment of Casualty Officer and Supernumerary House Officer (A), to become vacant early in February, including R practitioners within three months of qualification. The appointment will be for a period of six months, but is terminable at an earlier date by one month's notice on either side. Salary is at the rate of £130 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than Wednesday, January 29th, 1941.

J. A. BEARDSALL, Secretary-Superintendent.

## Addenbrooke's Hospital, Cambridge.

APPOINTMENT OF HOUSE SURGEON (A).

Applications are invited from registered medical practitioners, Male and Female, for the appointment of House Surgeon (A), to become vacant on March 1st, 1941, including R practitioners within three months of qualification. The appointment will be for a period of six months, but is terminable at an earlier date by one month's notice on either side. Salary is at the rate of £130 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than Wednesday, January 29th, 1941.

J. A. BEARDSALL, Secretary-Superintendent.

## Borough of Barking.

ASSISTANT MEDICAL OFFICER OF HEALTH AND ASSISTANT SCHOOL MEDICAL OFFICER.

Applications are invited from qualified medical practitioners for the above appointment.

The principal duties will consist of maternity and child welfare work, medical inspection and treatment of schoolchildren, the treatment of infectious fevers, &c., the whole of which will be carried out under the directions of the Medical Officer of Health, who is also the School Medical Officer.

The Officer appointed will be required to devote whole time to official duties and to reside within the Borough of Barking. The appointment will be subject to one month's notice on either side.

The salary will be in accordance with the scale, £500 to £700 per annum, rising by annual increments of £25, and the commencing salary will be decided in accordance with the experience of the successful applicant.

At the present the post carries a cost-of-living bonus equivalent to 6 per cent. on the first £300 of salary plus 3 per cent. on salary in excess of £300, or 3 per cent. on £200, whichever is the less.

The appointment will be subject to the provisions of the Local Government Superannuation Act, 1937. A candidate will not be appointed until he has satisfactorily passed a medical examination.

Application forms may be obtained from the undersigned, to whom they should be returned endorsed "Assistant Medical Officer of Health," with copies of not more than three recent testimonials, not later than the 3rd February, 1941.

E. R. FARR, Town Clerk.

Town Hall, Barking.

## The Prince of Wales's Hospital,

Greenbank-road, PLYMOUTH.
(Formerly South Devon and East Cornwall Hospital.)

Applications are invited from registered medical practitioners for the appointment of a HOUSE PHYSICIAN (A), to become vacant on 10th March, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Salary is at the rate of £132 per annum, with full residential emoluments.

Applications are also invited from registered medical practitioners for the appointment of RESIDENT ANÆSTHETIST AND HOUSE SURGEON to the SPECIAL DEPARTMENTS (B2), to become vacant on 10th March, including R practitioners who now hold A posts. If held by an R practitioner the appointment will be limited to six months. Salary is at the rate of £132 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than 31st January.

ARTHUR R. CASH, General Superintendent.

13th January, 1941.



## Surrey County Council.

PUBLIC HEALTH DEPARTMENT.

EPSOM COUNTY HOSPITAL. (400 Beds, mainly acute.)

ASSISTANT MEDICAL OFFICER (B1).

Applications are invited from registered medical practitioners for the appointment of Assistant Medical Officer at the Epsom County Hospital, Dorking-road, Epsom. Suitably qualified R practitioners holding B2 or B1 appointments may apply.

The Medical Officer appointed must have had considerable previous experience in surgical appointments and should preferably possess a higher surgical qualification.

The appointment will be available for the duration of the war and will be terminable by one month's notice on either side. The salary scale is £350 per annum, rising by annual increments of £25 to a maximum of £450 per annum, together with full residential emoluments valued at £125 per annum, and the commencing salary will be fixed at a point on this scale according to the qualifications and experience of the successful candidate.

Applications, stating age, qualifications, and experience, and enclosing copies of not more than three recent testimonials, should be addressed to the Medical Superintendent, Epsom County Hospital, Dorking-road, Epsom, so as to be received not later than the 29th January, 1941.

DUDLEY AUKLAND, Clerk of the Council.

County Hall, Kingston-upon-Thames, 17th January, 1941.

## The Lawn, Lincoln.

(Registered Hospital for Mental and Nervous Diseases.)

The Governors invite applications for the post of MEDICAL SUPERINTENDENT (Male or Female) of the above Hospital. Commencing salary £650 per annum, with war bonus, and full board and house partly furnished. Special qualifications will receive consideration.

Applications, stating age, previous experience, and copies of testimonials, to be sent to THE CHAIRMAN of GOVERNORS, The Lawn, Lincoln, on or before Monday, the 27th January, 1941.

## Weston-super-Mare Hospital.

(150 Beds.)

HOUSE SURGEON.

Applications are invited from Medical Practitioners (Male), including R Practitioners within three months of qualification, for the appointment of a House Surgeon (A) to become vacant on January 1st. If held by an R Practitioner the appointment will be limited to six months. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be addressed to the undersigned.

LESLIE J. FURSLAND, Secretary.

## Hospital of St. Cross, Rugby.

(150 average occupied Beds.)

APPOINTMENT OF RESIDENT MEDICAL OFFICERS (A).

Applications are invited from registered medical practitioners (Male) for the appointment of a Resident Medical Officer (A), now vacant; also Resident Medical Officer to commence duty February 1st, 1941, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months, otherwise it will be for a period of six months, at the end of which time applicants will be eligible for reappointment for a further six months. Salary at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

HARVEY RACE, F.C.I.S., F.H.O.A.,
Superintendent and Secretary.

## Hull Royal Infirmary.

Applications are invited from registered medical practitioners (Male), including R practitioners within three months of qualification, for the post of CASUALTY OFFICER (A), vacant January. If held by an R practitioner the appointment will be for a period of six months. Salary at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications, dates, and nationality, and accompanied by copies of recent testimonials, should be sent to the undersigned.

R. J. CARLESS, House Governor.

## Royal Sussex County Hospital,

BRIGHTON. (375 Beds.)

APPOINTMENT OF A CASUALTY HOUSE SURGEON (A).

Applications are invited from registered medical practitioners (Male) for the appointment of a Casualty House Surgeon (A) to become vacant on 1st March, including R practitioners within three months of qualification. If held by an R practitioner appointment will be for a period of six months. Otherwise it will be for a period of at least six months. Salary is at the rate of £120 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three testimonials, should be sent as soon as possible to the undersigned.

L. L. W. LANCASTER-GAYE, Secretary-Superintendent.

## City of Leicester.

CITY GENERAL HOSPITAL.

APPOINTMENT OF A RESIDENT MEDICAL OFFICER (B2).

Applications are invited from registered medical practitioners for the appointment of a Resident Medical Officer for mainly medical duties, including R practitioners who now hold A posts, within three months of qualification. If held by an R practitioner, appointment will be limited to six months. Otherwise it will be for a period of six months and renewable for a further six months. Salary is at the rate of £300 per annum, with full residential emoluments.

Preference will be given to those with, or reading for, higher qualifications.

Applications (on forms supplied), accompanied by copies of three recent testimonials, must be received not later than Friday, 7th February, endorsed "R.M.O.," addressed to the undersigned.

E. K. MACDONALD, Medical Officer of Health.

Health Department, Grey Friars, Leicester,
January, 1941.

## Staffordshire, Wolverhampton and DUDLEY JOINT BOARD FOR TUBERCULOSIS.

PRESTWOOD SANATORIUM. (200 Beds.)

Applications are invited from registered medical practitioners, including R practitioners who hold A posts, for the post (B2) of JUNIOR ASSISTANT MEDICAL OFFICER (Male) at the above-named Sanatorium, which is approximately nine miles from Wolverhampton. The successful candidate will have opportunities of obtaining experience in the work of a Dispensary. The appointment will be for six months in the first instance, renewable for a further maximum period of six months. If held by an R practitioner the appointment will be limited to six months.

Salary at the rate of £300 per annum, with board, residence, and laundry.

Forms of application may be obtained from the undersigned, and should be returned by first post on the 6th February, 1941, together with copies of not more than three recent testimonials.

H. L. UNDERWOOD, Clerk of the Joint Board.

County Buildings, Stafford, 14th January, 1941.

## City of Leeds.

MEANWOOD PARK EMERGENCY HOSPITAL.

RESIDENT MEDICAL OFFICER (B1).

Applications are invited from registered medical practitioners (Male) for the appointment of Resident Medical Officer. Applicants should have previous hospital experience. Suitably qualified medical practitioners holding B2 or B1 appointments are invited to apply. Salary is at the rate of £350 per annum, with full residential emoluments.

Forms may be obtained from the Medical Superintendent, Meanwood Park Emergency Hospital, Leeds, 6, and be returned to him not later than 6th February, 1941.

Canvassing in any form, either directly or indirectly, will be a disqualification.

J. SQUIRE HOYLE, Executive Officer.

27, Blundell-street, Leeds, 1.

## County Council of the West Riding OF YORKSHIRE.

APPOINTMENT OF SCHOOL OCULIST.

The County Council of the West Riding of Yorkshire invite applications from registered medical practitioners under forty-five years of age for appointment as School Oculist.

Candidates should have at least three years' experience since qualification.

Preference will be given to those having special experience in refraction and the prescription of glasses, or who are in possession of a Diploma in Ophthalmology.

Salary £600 per annum, rising by increments of £25 to £700 per annum.

Full particulars and forms of application may be had from the undersigned, by whom all applications, together with copies of not more than three recent testimonials, must be received not later than the 8th February, 1941.

J. CHARLES MCGRATH, Clerk of the County Council.

County Hall, Wakefield, January, 1941.

## Northamptonshire County Council.

EMERGENCY HOSPITAL SCHEME.

PARK HOSPITAL, WELLINGBOROUGH. (400 Beds.)

Applications are invited from registered medical practitioners for appointments of JUNIOR MEDICAL OFFICERS at Park Hospital, Wellingborough (Group 1A Hospital), including R practitioners within three months of qualification. If held by an R practitioner the appointment will be limited to six months.

Salary £200 per annum, plus board and lodging, or allowance up to £100 per annum in lieu thereof.

Applications, stating age, qualifications, and experience, should be sent to the undersigned immediately.

J. ALAN TURNER, Clerk of the County Council.

County Hall, Northampton, January, 1941.

## Ministry of Home Affairs for Northern IRELAND.

APPOINTMENT OF A MEDICAL INSPECTOR.

The Ministry of Home Affairs for Northern Ireland invites applications for the position of Medical Inspector on the staff of the Ministry.

Candidates, who must not be more than fifty years of age on 31st December, 1940, must be registered medical practitioners of not less than seven years' standing, and, in accordance with Section 57 of the Mental Treatment Act (N.I.), 1932, must have served for not less than five years as a medical officer or assistant medical officer in an institution for the treatment of the insane. The successful candidate will be required to satisfy the Civil Service Commissioners for Northern Ireland as to age, health, and nationality.

The salary attached to the position is £750 per annum, rising by annual increments of £30 to £1100 per annum.

The position is whole-time and the holder will not be permitted to engage in private practice. He will be subject to the Regulations applicable to the Civil Service of Northern Ireland relating to leave, expenses, retirement, &c.

No expenses will be allowable in connexion with the attendance of a candidate for interview or in taking up the appointment.

Applications, with particulars of degrees, diplomas, and experience, and accompanied by copies of recent testimonials, should be addressed to—

The SECRETARY,
Ministry of Home Affairs (Establishments),
Stormont, Belfast,

and should reach this office not later than 20th February, 1941.

## The Southampton Children's Hospital, AND DISPENSARY FOR WOMEN.

APPOINTMENT OF A RESIDENT MEDICAL OFFICER (A).

Applications are invited from registered medical practitioners, Female, for the appointment of a Resident Medical Officer (A), to become vacant on February 28th.

Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

ELLA K. MATTHEWS, Secretary.

## Kent and Canterbury Hospital, CANTERBURY. (4 R.M.O.'s—364 Beds.)

Applications are invited from registered Male medical practitioners for the appointment of a HOUSE SURGEON (A), including R practitioners within three months of qualification. If held by an R practitioner appointment will be for a period of six months. Salary is at the rate of £125 per annum, with full residential emoluments.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

J. F. KENT, Superintendent and Secretary.

## North Riding Infirmary, Middlesbrough.

(General Hospital—143 Beds—Three Residents.)

Applications are invited from registered medical practitioners, including R practitioners within three months of qualification, for the appointment of CASUALTY HOUSE SURGEON (A) to become vacant on February 1st next. Salary £150 per annum, with board, residence, and laundry. Appointment will be for six months.

Applications, stating age, qualifications, and accompanied by copies of recent testimonials, should be sent to the undersigned forthwith.

GERALD A. KENYON, Secretary-Superintendent.

## The Royal Infirmary, Bradford.

Three HOUSE SURGEONS and Two HOUSE PHYSICIANS (A) (Male) wanted, March 1st. Six months' appointments. Candidates must be single and legally qualified. R practitioners within three months of qualification invited to apply. Salary £150 per annum, with board, residence, and laundry.

There are 345 Beds and nine resident officers.

Applications, stating age, nationality, qualifications, and previous experience, with copies of recent testimonials, should be sent to the undersigned by return of post.

H. TRUSSON, House Governor and Secretary.

January 2nd, 1941.

## Coventry and Warwickshire Hospital.

Applications are invited from registered medical practitioners, Male and Female (including R practitioners within three months of qualification), for the post of CASUALTY OFFICER (A), combining also duties as House Surgeon to the Fracture and Orthopædic Department, to become vacant on February 1st next. If held by an R practitioner, appointment will be for a period of six months. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

S. CECIL HILL, House Governor and Secretary.

## Administrative County of Essex.

ESSEX COUNTY HOSPITAL, BROOMFIELD.

APPOINTMENT OF ADDITIONAL MEDICAL OFFICERS (B1 AND B2).

The County Council of the Administrative County of Essex invite applications for two vacant appointments at the Essex County Hospital, Broomfield, for the treatment of pulmonary and surgical tuberculosis in men, from registered medical practitioners.

Applicants for the first appointment, viz., that of THIRD ASSISTANT MEDICAL OFFICER, should have held house appointments and have had experience in the treatment of tuberculosis, particularly surgical tuberculosis in hospital or sanatorium. Suitably qualified practitioners, including those R practitioners holding B2 or B1 appointments, are invited to apply. Salary £350, rising, subject to satisfactory service, by annual increments of £25 to £425 per annum, together with the usual indoor emoluments, valued at £160 per annum.

Applicants for the second appointment, viz., that of JUNIOR RESIDENT MEDICAL OFFICER, should include applications from R practitioners who now hold A posts. The appointment would normally be for a period of one year, but if the successful applicant is an R practitioner the appointment will be limited to six months. Salary £250 per annum, together with the usual indoor emoluments, valued at £160 per annum.

The successful applicants will be required to pass a medical examination, and in the case of the former appointment to contribute to the appropriate Superannuation Fund. Both appointments will be subject to the Council's Sick Pay Rules and Regulations, a copy of which will be forwarded upon application. Applications on the prescribed forms, obtainable from the undersigned, should be addressed to me in an envelope marked "Appointment of Medical Officers" and delivered at the County Hall, Chelmsford, not later than 10 A.M. on Thursday, the 6th day of February, 1941. CHRISTIAN BERRIDGE,
Deputy Clerk of the County Council.

County Hall, Chelmsford, 15th January, 1941.

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## Maidenhead Voluntary Hospital.

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R. GODFREY, Superintendent-Secretary.

## County Council of Durham.

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IAN MCCRACKEN, County Medical Officer of Health.
Health Department, Shire Hall, Durham,
20th January, 1941.

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*Ampoules:* 5, 10 *and* 20 *International Units per c.c.*

Price List of "OXOID" Glandular Preparations supplied on request

**OXO LIMITED,** Thames House, London, E.C.4

PRODUCT OF THE OXO LABORATORIES

*RECOMMENDED BY DIETITIANS AS A GOOD DIGESTIVE AND SOURCE OF ENERGY*

# MACVITA

*A crisp and nourishing product of English Wheat!*

MADE ONLY BY McVITIE AND PRICE

# NOVOCAIN

BRAND ETHOCAIN HYDROCHLORIDE

**The Original Preparation**

**English Trade Mark No. 276477 (1905)**

## The Safest and most Reliable Local Anæsthetic for all Surgical Cases

**Does not contain Cocaine, and does not come under the Dangerous Drugs Act.**

*Supplied in*

**Powder. Cartridges. Ampoules of Solution. Tablets of various Sizes. Ampoules of Sterilized Powder.**

*Literature on Request*

**Sold under Agreement**

**THE SACCHARIN CORPORATION LTD.**

**72, Oxford Street, London, W.1.**

*Telegrams:* SACARINO, RATH, LONDON.

*Telephone:* Museum 8096.

*Australian Agents:*

J. L. BROWN & Co., 123, William Street, Melbourne, C.1.

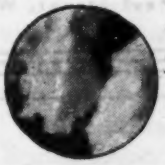


# The rapid enzymic action of BENGER'S FOOD

The instant hot milk is added to Benger's Food, self-digestive action by natural pancreatic enzymes begins.

As supplied in the tin, Benger's Food is a special wheaten powder, containing 77% of insoluble starch.

So quick is the enzymic action of Benger's Food that within 2 minutes of adding the hot milk insoluble starch has been reduced to 0.5%.



The milk proteins have simultaneously been modified, so that when prepared Benger's Food comes in contact with the gastric juices it separates into fine flocculi instead of the heavy tough curds formed by milk itself. All this change in two minutes! And by the time the milk used to make Benger's Food is sufficiently cool to drink, the self-digestion of Benger's Food is carried as far as it need be for all cases where digestion is slightly impaired or where light diet is indicated.

***For Infants, Invalids and those suffering from severe digestive weakness, the time for pre-digesting Benger's Food should be extended to 15 minutes and upwards to 45 minutes. At the end of this period the wheaten powder is converted to dextrins, dextri-maltoses and maltose, and the milk proteins modified so that the finest possible curd is formed on contact with the gastric juices.***

Sole Manufacturers: **BENGER'S FOOD, LTD.,**

Holmes Chapel, Cheshire, Eng.

*The Benger Laboratories are always at the disposal of the medical profession in any of their dietetic problems. Physicians' samples of Benger's Food are always available.*

"FELLOWS"
TRADE MARK
COMPOUND SYRUP OF HYPOPHOSPHITES

contains essential minerals: Iron, Sodium, Calcium, Potassium, Manganese and Phosphorus. A dependable formula prescribed with satisfaction for over 60 years. "FELLOWS" is a reliable product, manufactured under strict supervision and—with a consistency of quality that only the greatest care in manufacture can ensure.

Samples on Request

Fellows Medical Mfg. Co., Ltd.
286 St. Paul Street, West Montreal, Canada

In Arthritis and Rheumatoid Conditions Generally

Relief of arthritic pain, sometimes dramatic, often follows the use of 'Calsiod' within a relatively short time. The best end-results, however, are obtained by continuing treatment for at least three or four weeks. Such perseverance is amply repaid, for, in addition to its analgesic effect, 'Calsiod' reduces swelling and muscle spasm to a marked degree.

'Calsiod' also has a wide field of usefulness in the many ill-defined conditions grouped under such terms as

'LUMBAGO,' 'FIBROSITIS,'
'NEURITIS,' 'MYALGIA,' Etc.

*Samples and literature on request*

'CALSIOD'
*Brand*
TABLETS

Each tablet contains 0·5 grm. Calcium Ortho-iodoxybenzoate

HENLEY & JAMES LTD., 123, COLDHARBOUR LANE, LONDON, S.E.5

# THROMBIN-COAGULANT-MAW DRESSINGS

● FOR THE RAPID CONTROL OF HÆMORRHAGE

T.C.M. Dressings provide a new method of effectively and speedily controlling hæmorrhage.

The Dressings are treated with Thrombin-Coagulant-Maw—a stable preparation of Thrombin, the natural clotting agent of blood—which anticipates the formation of Thrombin in normal shed blood so that clotting commences in a few seconds.

T.C.M. Dressings are not expensive, they cost, in fact, only a trifle more than ordinary Dressings, but one of these dressings will do the work of perhaps several ordinary dressings, thus proving cheaper in the end and saving you valuable time.

The Dressings are supplied sterile, in sealed drums, ready for use. The series consists of Wound Dressings, Lint Squares, and Lint and Plaster Dressings.

**Thrombin-Coagulant-Maw is supplied also in Powder form.**

A MAW PRODUCT

Full details and technical information on request to

* NOTE NEW ADDRESS

**S. MAW, SON & SONS, LTD.**

***ALDERSGATE HOUSE, NEW BARNET, HERTS.**

Telephone: Barnet 5555.



# METABOLIC RATE

## Methods of Stimulating

PERHAPS one of the most common of all the conditions that a general practitioner is called upon to deal with is the condition of depressed metabolism.

Drastic methods of raising the metabolic rate — by intravenous injection of thyroxin or the administration by mouth of compounds of the nitro-phenol group — are, of course, possible. Such methods, however, are usually contra-indicated, and the practitioner relies on the prescription of such foods as meat extracts, home-made broths, etc.

It is a matter of some importance, therefore, to know that *one* of the accepted meat preparations is outstandingly effective in raising the metabolic rate. It is Brand's Essence.

The heat output increases sharply immediately Brand's Essence is taken. It reaches a peak at the end of half an hour and is still appreciable six hours later.

Whenever there is a need to raise the metabolic rate, Brand's Essence may, therefore, be prescribed with confidence. It is of special convenience in those cases in which the patient cannot tolerate sufficient protein.

A further advantage of Brand's Essence is that patients find it palatable even when all other foods are distasteful. Brand's has the effect of instantly stimulating the appetite. *It is still sold at pre-war prices.*

# BRAND'S ESSENCE

# *Under present conditions . . .*

The same qualities that have given Hall's Wine the approval of the medical profession for over half a century make it more than ever suitable to advise under present conditions of strain and anxiety. To the discouraged, depressed—and especially the elderly—patient, the psychological effect of Hall's Wine is of marked value. The heartening glow afforded by its moderately alcoholic content—its rich colour and pleasant flavour—help to give the patient the actual feeling that progress is being made. A fine natural wine, containing orthodox medicaments, Hall's Wine is the outstandingly reliable restorative of its type.

*Physicians wishing to test Hall's Wine are cordially invited to write for free pint bottle to Stephen Smith & Co. Ltd., Bow, London, E.3.*

# HALL'S WINE

358

# KAYLENE-OL

*in the treatment of*

## CHRONIC COLITIS

(Simple Mucous, Muco-membranous, Post-Dysenteric)

*Alternating intervals of constipation and diarrhœa often occur in cases of colitis. Kaylene-ol is applicable in either phase. Its softening and adsorptive actions combat the irritative diarrhœa, and its soothing and lubricating actions counteract constipation during the intervals.*

DOSE—1 or 2 dessertspoonsful three times a day,
half-an-hour before meals or in mild cases
half-an-hour before breakfast and at bedtime.

*Kaylene-ol c Phenolphthalein (0.5%) is taken when constipation is particularly troublesome Dosage as for Kaylene-ol.*

*Sample on request*

**KAYLENE, LIMITED,**

Sole Distributors: **ADSORBENTS, LTD.,** WATERLOO ROAD, LONDON, N.W.2

# For Your Patients' Convenience

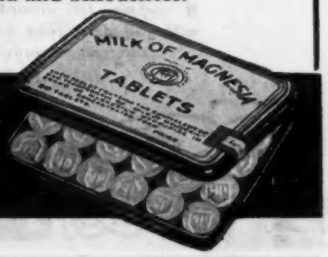
CHARLES H. PHILLIPS CHEMICAL CO.
*Successors* PROPRIETARY AGENCIES *Ltd., 179, Acton Vale, London, W.3*

IN the treatment of gastric acid disturbance the convenience of antacid medication in Tablet form offers marked advantages, particularly in ensuring that effective alkalization may readily be maintained throughout the day.

'Milk of Magnesia,' so long accepted as an ideal antacid, is also available in alternative tablet form. Each 'Milk of Magnesia' Tablet is equivalent to one teaspoonful of the liquid product and the compact container may unobtrusively be carried in pocket or purse, ready for use at any time and in all places.

'Milk of Magnesia' Tablets disintegrate readily in the mouth and act as a mild yet effective neutralizer of excess stomach acid. They are particularly indicated in flatulent dyspepsia, nausea and biliousness.

## 'Milk of Magnesia' (Regd.) TABLETS




*'Milk of Magnesia' is the Registered Trade Mark of the Phillips' preparation of magnesia.*

# 'Panopepton'

## IDEAL FOOD FOR THE SICK

Supplies directly available energising food; especially designed to make no draft upon the strength of the enfeebled organism.

**'Panopepton'** contains, in stable agreeable solution, 24% of solids, derived by physiological hydrolysis from prime lean beef and whole wheat, in a scientifically balanced ratio.

**'Panopepton'** presents the entire nutritive elements of these foods, the nitrogenous extractives, protein derivatives, carbohydrates, the complementary minute accessory factors, mineral and catalytic, thus meeting the most modern conception of a comprehensive food.

**'Panopepton'** requires no preparation—is instantly available in a crisis.

***Supplied in 12-oz. bottles.***

Originated and Manufactured by
**Fairchild Bros. & Foster** (Inc. N.Y.),
*NEW YORK, and 65, Holborn Viaduct, London, E.C.1.*

Agents:
**Burroughs Wellcome & Co.,**
*LONDON, SYDNEY, and CAPE TOWN.*

# For Effective Control of Pain

AMONG the many and diverse analgesics which have been evolved by modern chemical research, acetyl-salicylic acid retains its reputation as one of the safest and most effective. Its tendency to liberate salicylic acid—the irritant properties of which are well known to physicians—has, however, caused many to hesitate to employ it as widely as it deserves. Exhaustive trial in hospital and private practice proves that "Alasil" definitely solves the problem of administering acetyl-salicylic acid in an effective form, being free from the risk of irritating the stomach or bowels or of causing general reactions.

*A supply for clinical trial with full descriptive literature sent free on request.*

In "Alasil" the desirable therapeutic effects of acetyl-salicylic acid are well exhibited by its calcium acetyl-salicylate moiety, while the presence of "Alocol" (Colloidal Hydroxide of Aluminium), a powerful gastric sedative and antacid, obviates any tendency to gastric irritation. The superior absorbability of "Alasil" over ordinary salicylate compounds and its freedom from the risk of liberating free salicylic acid in the stomach have been well proved by careful experimentation. "Alasil" can be prescribed with perfect safety to patients of all ages and in larger doses than ordinary salicylate compounds.

A. WANDER, LTD., Manufacturing Chemists,
184, Queen's Gate, London, S.W.7.
*Laboratories and Works:* KING'S LANGLEY, HERTS.

# ALASIL

Treat Broncho-Pulmonary disorders with

# PULMO-BAILLY
Brand
## COMPOUND

Prescribe for Coughs, Colds and Prophylaxis

**An organic combination of GUAIACOL : CODEINE DI-PHOSPHORIC ACID which provides**

Pulmonary antisepsis and increased phagocytic power of Leucocytes.

Liquefaction and elimination of the alveolar exudate and bronchial secretions.

Control of exaggerated and harmful coughing.

Restoration of appetite and energy.

Pulmo-Bailly gives, in practice, clinical results in full accord with pharmacodynamic aims in the treatment of affections of the Lungs, Bronchi, Larynx and Trachea. (*In Adults and Children.*)

**Pulmo is of particular value in the bronchitis and cough of Influenza.**

*Medical sample on request*

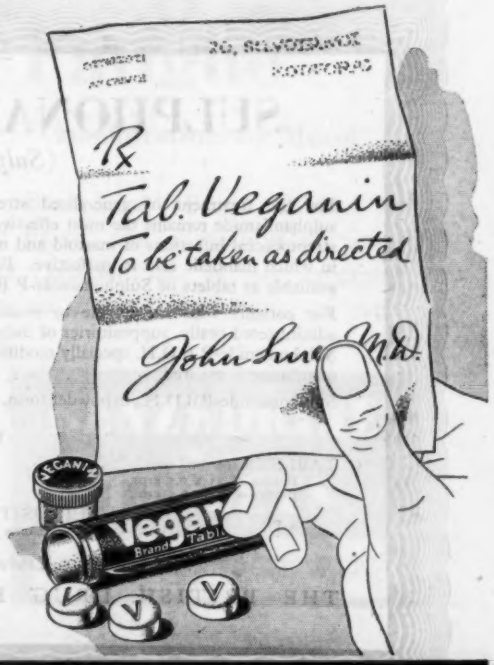
**BENGUÉ & Co. Ltd.,** *Manufacturing Chemists*
MOUNT PLEASANT, ALPERTON, WEMBLEY, MDX.

# With this prescription - the Patient -

is assured of relief from pain and its nervous manifestations in a large number of conditions, ranging from simple headache to inoperable carcinoma, with the minimum danger of toxic action.

Veganin brand Tablets disintegrate speedily and are absorbed quickly. They are not habit-forming.

From all points of view, Veganin offers physicians an efficient and safe analgesic therapy.




WILLIAM R. WARNER & CO., LTD., POWER ROAD, CHISWICK, LONDON, W.4.

# SEASONABLE PREPARATIONS

## ELIXIR TERPO-CODEIN. CO.

(DUNCAN)

A pleasantly flavoured palatable elixir containing Terpin Hydrate and Codeina Phosphate, which is most suitable for the treatment of coughs in cases of Phthisis, Bronchitis, Catarrh, &c.

Duncan

## ELIXIR VITATONE

(DUNCAN)

**A constructive tonic**

This elixir contains an active Extract of Vitamin B in combination with Nucleinic Acid, Glycerophosphates of Calcium, Sodium, Potassium, Iron and Caffein, Extract of Bone Marrow, and Aromatics.

It is useful as a general tonic and in cases of Anæmia and Malnutrition.

*SAMPLES AND PRICES ON APPLICATION.*

## DUNCAN, FLOCKHART & CO.

**EDINBURGH and LONDON**

104, Holyrood Road, 8 — 155, Farringdon Road, E.C.1

# SULPHONAMIDE-P B.D.H.

*(Sulphanilamide)*

For the treatment of generalised streptococcal infections the oral administration of sulphanilamide remains the most effective treatment. This is also the method of choice in streptococcal infections of mastoid and meninges and in urinary infections with B. protens in which mandelic acid is ineffective. For use in this form of treatment sulphanilamide is available as tablets of Sulphonamide-P B.D.H.

For patients who are unable to swallow or to retain Sulphonamide-P B.D.H. when administered orally, suppositories of Sulphonamide-P B.D.H. are indicated. These contain Sulphonamide-P B.D.H. specially modified so that its absorption through the rectal mucous membrane is assured.

Sulphonamide-P B.D.H., in powder form, is issued for the treatment of contaminated wounds.

**PACKINGS**

TABLETS (for oral use)
Bottles of 25 x 0.5 grm.
Bottles of 100 x 0.5 grm.

POWDER (for application to wounds)
Boxes of 1 tube of 15 grm.
Boxes of 6 tubes of 15 grm.

SUPPOSITORIES (for rectal use)
Boxes of 12 x 0.5 grm.

*Literature on request*

THE BRITISH DRUG HOUSES LTD. LONDON N.1

Sul-P/E/7a

TRADE MARK **HEXANASTAB** BRAND

***Soluble Hexobarbitone***

**Intravenous Anaesthetic**

Hexanastab is an intravenous anæsthetic with a rapid action for use alone in operations of short duration or as a preliminary to inhalation anæsthesia. Instantly soluble, giving a clear water-white solution.

5 ampoules 0.5 gm. - - 7/6
5 ampoules 1 gm. - - - 12/6
25 ampoules 1 gm. - - 54/-

HEXANASTAB - ORAL (HEXOBARBITONE)
A rapidly absorbed hypnotic with a short intensive action particularly suitable for inducing sleep in persons whose sleep has been interrupted by air raids or who have experienced severe mental strain and are unable to fall asleep.

Tablets containing 0.25 gm. (4 gr. approx.)
Tube of 10, 2/3. Bottle of 25, 5/-. Bottle of 250, 37/6

Obtainable through all Branches of

Boots

*Discount to the Medical Profession.*
*Literature sent on request.*

BOOTS PURE DRUG CO. LTD NOTTINGHAM

B 641-61

# Relief of Fatigue

**Psychological Stimulation** **Amelioration of Mood**

The three most consistent effects of 'Benzedrine' Brand Tablets are: psychological stimulation, amelioration of mood, and alleviation of fatigue. The compound therefore has important possibilities as an emergency measure for those whose activities require an unusual expenditure of mental and physical energy. Moreover, it has proved extremely beneficial in certain types of "war neurosis," characterized by depression, chronic exhaustion and mental apathy.

Other indications include: Post-encephalitic Parkinsonism, narcolepsy, alcoholism, and dysmenorrhœa.

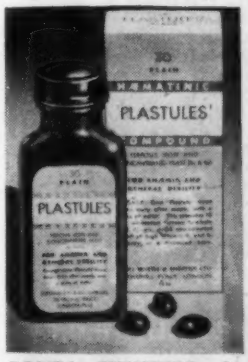
**'BENZEDRINE'**
*Brand*
**TABLETS**

Each tablet contains 5 mg. β-aminoisopropylbenzene sulphate (amphetamine sulphate)

*Samples and literature will be sent on signed request of physicians*

MENLEY & JAMES LTD., 123, COLDHARBOUR LANE, LONDON, S.E.5

RAPID HÆMOGLOBIN GAIN WITH ONLY 3 'PLASTULES' DAILY




Small dosage, easy assimilation and rapid response to treatment, favour 'Plastules' medication over other forms of iron now in common use. The suggested daily dosage is three 'Plastules' Plain—one after each meal is sufficient to provide a rapid, positive hæmoglobin response.

**'PLASTULES'** BRAND REGD.
HÆMATINIC ♂ COMPOUND
FOR ANÆMIA AND DEBILITY

IN TWO VARIETIES
• PLAIN
• WITH LIVER EXTRACT

JOHN WYETH & BROTHER, LTD., 25, OLDHILL PLACE, LONDON, N.16

# Roboleine

THE FOOD THAT BUILDS THE BODY

A PALATABLE PREPARATION OF MALT CONTAINING

**RED BONE MARROW-LECITHIN**

*and*

**VITAMINS A & D**

| VITAMIN CONTENT | INDICATIONS |
|---|---|
| ONE TEASPOONFUL CONTAINS | MALNUTRITION |
| 200 INTERNATIONAL A UNITS | CONVALESCENCE |
| 140 INTERNATIONAL D UNITS | TUBERCULOSIS . RICKETS . ETC. |

**OPPENHEIMER SON & CO. LTD.**

HANDFORTH LABORATORIES, CLAPHAM ROAD, S.W.9

**IN RENAL CONDITIONS**

Composed of cortex and convoluted tubules of the normal kidney with its internal secretion. Nephritin is indicated in acute and chronic nephritic conditions.
Samples on request.
*Tablets: 80, 500 and 1,000 Bottles.*

*Nephritin*

**TO INDUCE PERISTALSIS**

Pancrobilin is a physiologic combination of the purest type of bile salts, purified by a process devised in our own research laboratory, and pancreas. The bile is freed from all pigments and other impurities, and offers the physician a highly concentrated product for the treatment of constipation and obstipation.
Samples on request.
*Pills: 100, 500 and 1,000 bottles. Plain and compound.*

*Pancrobilin*

FROM THE LABORATORIES OF

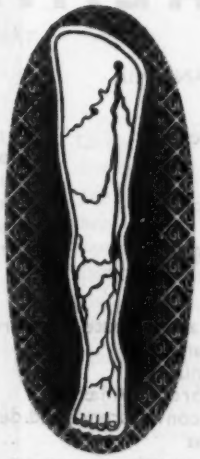
**REED & CARNRICK (CANADA) LTD.**

BRITISH AGENTS TORONTO

COATES & COOPER LTD., 94 CLERKENWELL ROAD, E.C.1

SOUTH AFRICA AGENTS: LENNON LTD., JOHANNESBURG, CAPE TOWN, ETC.

# Sclerosing agent of 6 marked advantages



*An aqueous solution of ethanolamine oleate (5%) with 2% benzyl alcohol. Ampoules, 6 x 2 cc. Bottles of 15 cc. and 30 cc.*

Designed to bring a greatly increased measure of safety and certainty to the injection treatment of varicose veins, the Glaxo product Ethamolin has proved its effectiveness both in trials and in extensive practice.

Briefly the advantages of Ethamolin are that it • gives a firm, adherent thrombus • contains no impurities • does not cause sloughing, even if leakage occurs • does not cause muscular cramp on injection • is constant in potency, which is retained indefinitely • is available at extremely reasonable cost.

Ethamolin thus virtually eliminates the disadvantages which were formerly liable to attend vein treatment, and provides every practitioner with the means of undertaking the injections with confidence of safety and success.

# ETHAMOLIN

PRODUCT OF THE GLAXO LABORATORIES

**INJECTION TREATMENT FOR VARICOSE VEINS**

GLAXO LABORATORIES LTD., GREENFORD, MIDDLESEX BYRon 3434

# MANDECAL

*(Compound Calcium Mandelate B.D.H.)*

Mandelic acid preparations retain an important place in the treatment of certain infections of the urinary tract which do not yield to sulphonamides.

For hypersensitive patients and during pregnancy, mandelic acid, especially in the form of Mandecal, is of particular value since its administration is not followed by any of the gastric and general reactions which are frequently produced by the sulphonamides. The importance of this is particularly evident during pregnancy when the patient may already be nauseated.

Mandecal is a pleasantly-flavoured powder which mixes readily with water to form a smooth palatable suspension, readily taken by even the most fastidious patients.

*Literature on request*

THE BRITISH DRUG HOUSES LTD. LONDON N.1

Telephone: Clerkenwell 3000 Telegrams: Tetradome Telex London

Mucl/E/27

*ADSORBENT OF ALIMENTARY TOXINS*

# CARBACT

*BRAND*

ACTIVATED CHARCOAL TABLETS

*FORMULA:*

| | |
|---|---|
| Activated Charcoal | 3 grains |
| Bismuth Tribromphenate | $1\frac{1}{8}$ grains |
| Ext. Rhei Sicc. | $\frac{3}{8}$ grain |
| Excipient q.s. to | $7\frac{1}{2}$ grains |

*INDICATIONS:*

All conditions due to alimentary intoxication, whether bacterial or chemical
Severe gastro-intestinal disturbances
Flatulent dyspepsia
Intestinal distension
Poisoning arising from food, vegetable and inorganic poisons
Gastro-enteritis
Diarrhœa and dysentery

AVAILABLE IN PACKETS OF 100 TABLETS

*RAPID BLOOD REGENERATION*

# FERRAEMIA

*BRAND* TABLETS

FOR ANÆMIA

*FORMULA:*

| | |
|---|---|
| Ferrous Sulph. Exsicc. | $2\frac{3}{4}$ grains |
| Dried Yeast | 2 grains |
| Copper Sulphate | $\frac{1}{100}$ grain |
| Manganese Hypophos. | $\frac{1}{32}$ grain |
| Excipient | $\frac{5}{8}$ grain |
| Chocolate coating q.s. to | $8\frac{1}{2}$ grains |

*INDICATIONS:*

Hæmorrhagic Anæmia, Acute and Chronic
Anæmia of Pregnancy
Nutritional Anæmia
Idiopathic Hypochromic Anæmia
As a tonic during convalescence and debilitated conditions

AVAILABLE IN BOTTLES OF 60 TABLETS

*Manufactured in England by*

WILCOX, JOZEAU & CO. LTD.

74-77, White Lion Street, London, N.1, and at 19, Temple Bar, Dublin

## IN STAGE COACH DAYS LIVING WAS SIMPLE—AND RUGGED

But pain meant suffering then even as today. Many a dour disposition found its source in haemorrhoids . . . making a stoic of the sufferer who found little joy in living.

Today, pain and discomfort resulting from haemorrhoids may be safely and efficiently relieved by Anusol Haemorrhoidal Suppositories.

These Suppositories relieve inflammation and congestion without the use of narcotic, analgesic or local anaesthetic drugs. They control bleeding and make evacuation easy and painless.

ANUSOL BRAND
HAEMORRHOIDAL SUPPOSITORIES

*Anusol is also available in ointment form.*

WILLIAM R. WARNER & CO., LTD.
POWER ROAD · CHISWICK · LONDON, W. 4.

# LIVOGEN

*The Rational Restorative Tonic*

Livogen is the rational tonic for all patients subjected to unwonted strain, or whose dietary is lacking in certain essential factors.

The effective utilisation of food and the maintenance of full health and vigour are impossible in the absence of an adequate supply of all the members of the Vitamin B complex the average intake of which is probably lower in present circumstances than that of any of the other vitamins.

Livogen contains all the members of the Vitamin B complex, together with liver extract.

The Vitamin B complex provides prosthetic groups of the intracellular enzymes and coenzymes necessary for the conveyance of hydrogen, and liver extract ensures that adequate erythrocytes are available for the conveyance of oxygen to the end point of the process, the cytochromes.

*Sample on request*

THE BRITISH DRUG HOUSES LTD. LONDON N.1

Lan/E/81

# ℞ Neuro Phosphates

(ESKAY BRAND)

Neuro Phosphates has long proved its worth in convalescence following illness or operation. It has a world-wide reputation as a tonic for combating nervous exhaustion, lowered vitality, and general debility resulting from prolonged physical or mental strain.

*Samples on request*

Indicated in

GENERAL DEBILITY — NEURASTHENIA
LASSITUDE — CONVALESCENCE
IMPAIRED VITALITY — JADED NERVES

*Each adult dose (two teaspoonfuls) contains in acid state:*

*Sodium Glycerophosphate* ..... 2 grs.
*Calcium Glycerophosphate* ..... 2 grs.
*Strychnine Glycerophosphate* ..... $\frac{1}{64}$ gr.

MENLEY & JAMES LTD., 123, COLDHARBOUR LANE, LONDON, S.E.5

MEDICAL EVANS PRODUCTS

ANNOUNCING the

# STREPTOCIDE BACTERIOSTATIC INSUFFLATOR

Registered Number 438393. Patent Pending.

Designed for the

**SIMPLIFICATION OF LOCAL IMPLANTATION OF**

**STREPTOCIDE**

**(Sulphanilamide-Evans)**

for the prophylaxis and treatment of bacterial infections associated with infected wounds and compound fractures.

*Price and descriptive literature on request to Home Medical Department.*

Made in England by

**Evans Sons Lescher & Webb Ltd.**

**Liverpool and London**

# A FAMOUS NAME IN MEDICINE—

## Gale's . . .

For more than a century and a half, products bearing the names Gale and Baiss have been trusted by medical practitioners throughout the world. Now these two famous names are united in the firm of Gale, Baiss & Co., Ltd. To the home trade and to exporters to all parts of the world Gale Baiss supply the finest quality drugs, chemicals, galenicals and concentrated spirituous preparations (in bond, duty free).

**Gale's ARE SOLE PROPRIETORS OF**

**"GOLD MEDAL"** Cod Liver Oil Emulsion — **"DERMALON"** Preparations

**"MORELIX"** — **"HEPTASALINE"**

**"ENTRAPURO"** **"GABASOL"** **"TREXTA"**

**ETC., ETC.**

Gale Baiss also specialise in hospital requirements, surgical and veterinary instruments, druggists' sundries and dressings, packed goods, ampoules, pills and tablets.

No manufacturing chemists have greater experience of preparation and packing for the tropics. Write now for price list.

# GALE · BAISS & CO · LTD

**Wholesale Druggists & Manufacturing Chemists (Contractors to British, Colonial & Foreign Governments**

* * ILDERTON ROAD, LONDON, S.E.15. 'PHONE: NEW CROSS 0094 * *

* * * 'GRAMS & CABLES: "DREADNOUGHT LONDON" * * *

# "The Doctor was busy - but *not* with *Influenza*"

Useful as Bemax has proved itself in so many cases as a protective food in preventing influenza, it is perhaps in post-influenzal debility that medical men will discover its greatest value. This condition is quickly improved by a diet rich in vitamins, so conveniently achieved by adding Bemax to ordinary diet. Bemax is the richest natural source of vitamin $B_1$, providing 320-420 I.U. per ounce as well as all the other factors of the B complex, in natural proportions. It contains also vitamins A and E with valuable amounts of iron, phosphorus and other minerals.

Bemax is inexpensive, palatable and easily assimilated. It may be prescribed even when gastric symptoms are present.

*"Dr. S——* always gives me a good interview. Said he is very busy indeed—but not with Influenza, which he puts down to the fact that his patients take Bemax as a regular addition to diet. Dr. S—— is a Bemax enthusiast—said he cannot speak too highly of it, and hoped he could spare me more time next visit."*

* A North London M.D., M.R.C.S., M.R.C.P.

*Extract from the report of a Bemax medical representative.*

## The Multiple Factors of Bemax

| | *Approx. daily human requirement* | *One ounce Bemax supplies* wgt. | % *of daily requirement* |
|---|---|---|---|
| | mg. | mg. | |
| **VITAMIN $B_1$ (aneurin)** | 2.0 (666 i.u.) | 1.2 (400 i.u.) | 60 |
| **VITAMIN $B_2$ (riboflavin)** | 2.0 | 0.9 | 45 |
| **P.P. factor (nicotinic acid)** | 5.0 | 1.1 | 22 |
| **VITAMIN $B_6$ (adermin)** | ? | richest source | 100+ |
| **VITAMIN E (α-tocopherol)** | ? 2.5-5.0 | 7.0-10.0 | 100+ |
| **IRON (available)** | 12.0 | 2.7 | 25 |
| **COPPER** | 1.8 | 0.45 | 25 |
| | gm. | gm. | |
| **PROTEIN, first class** | 40 | 9 | 22.5 |
| **PROTEIN, second class** | 40 | — | — |

*Clinical sample of Bemax and literature on application to Vitamins Ltd. (Dept. L.H.), 23, Upper Mall, London, W.6.*

*The successful treatment of*

# FIBROSITIS AND CERTAIN CASES OF RHEUMATISM

*with*

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**A MASS OF EVIDENCE** has accumulated to show that the treatment of Fibrositis and certain cases of Rheumatism with Novutox injections provides not only complete restoration of function with immediate relief from pain, but also, in the great majority of cases, early and complete cure.

**NOVUTOX,** which is a self-sterilising local anæsthetic, is prepared by a special process, and the preparation contains, in extreme dilution, certain highly complex quinine derivatives. Due to treatment by this process, Novutox solutions have a remarkable chemotherapeutic action and also unique antiseptic properties which, associated with extremely low toxicity, are held to account for the very satisfactory results achieved with the preparation in the treatment of Fibrositis and certain cases of Rheumatism.

**IN AN ARTICLE entitled "Muscular Rheumatism—** Local Injection Treatment as a Means of Rapid Restoration of Function" published in the *British Medical Journal*, 10.8.40, page 183, the author describes the treatment of a number of typical cases of Fibrositis, etc., in different parts of the body, and *in all cases* immediate relief was obtained following injections of Novutox. During an attack of lumbago suffered by himself the author found one injection abolished intense pain and restored function within a matter of minutes. He also gives useful detailed information of the technique employed for the various sites of the body.

Interested members of the medical profession are invited to write for a copy of "Notes on the Treatment of Fibrositis and Recent Injuries" by a distinguished orthopædic surgeon.

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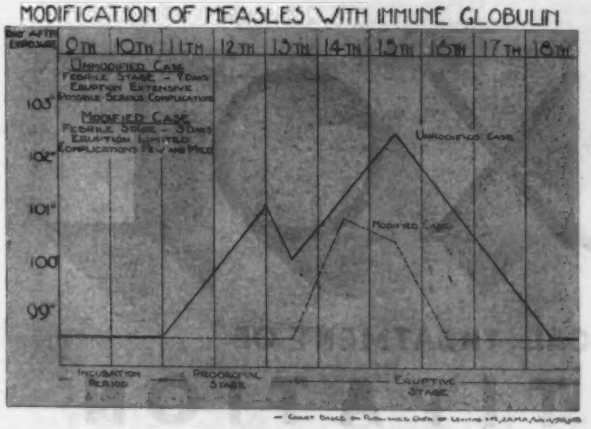


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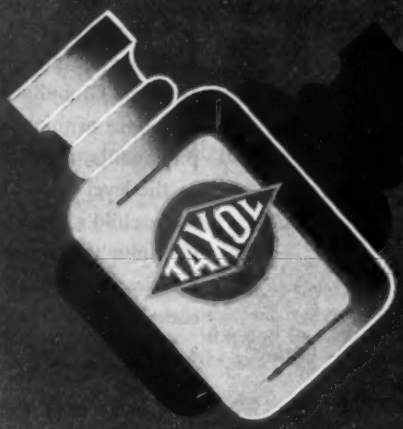


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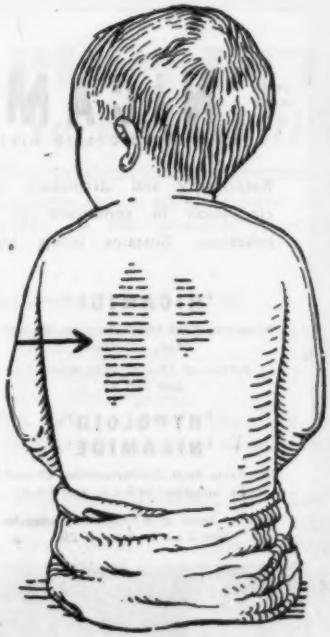

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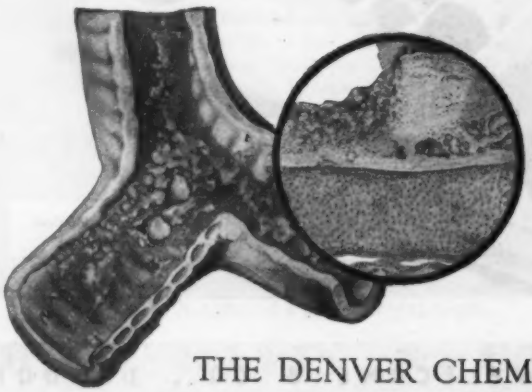

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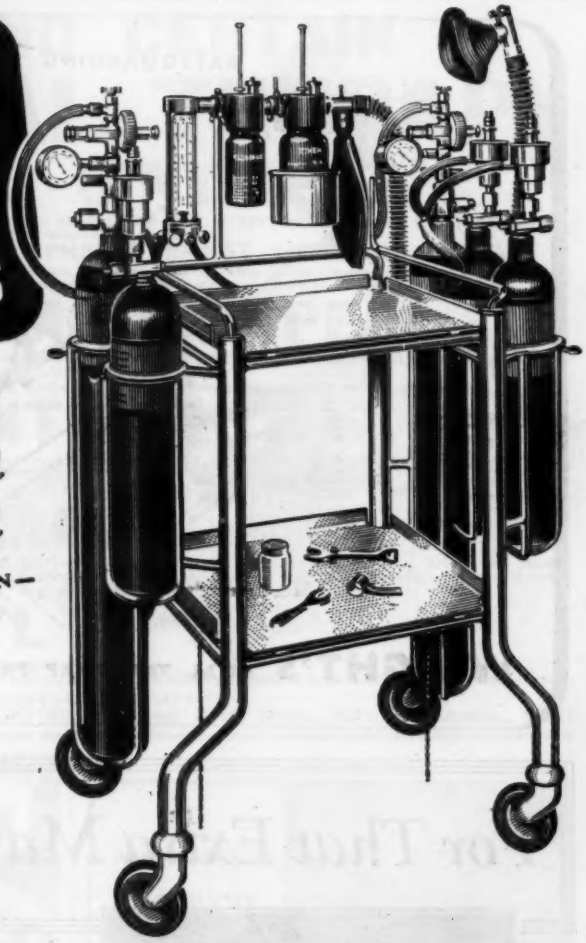

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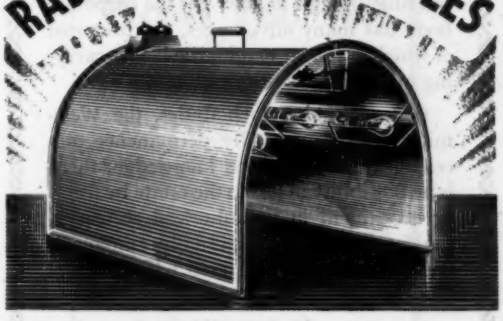

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* Avoids successive fillings of hot water.
* Can even be left on for weeks with perfect safety.
* Saves its own cost over and over again.

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## STATEMENT OF ACCOUNTS. 31*st December*, 1940

| LIABILITIES | £ | £ |
|---|---|---|
| Current, Deposit and other Accounts, including Reserve for Taxation and Contingencies and Balance of Profit and Loss | 535,946,063 | |
| Balances in account with Subsidiary Banks | 10,968,613 | |
| | | 546,914,676 |
| Acceptances and Endorsements, &c., for account of Customers | | 14,978,292 |
| Paid-up Capital | | 15,858,217 |
| Reserve Fund | | 11,250,000 |
| **ASSETS** | | |
| Cash in hand and with the Bank of England | | 62,617,992 |
| Balances with other British Banks and Cheques in course of collection | | 22,682,997 |
| Money at Call and Short Notice | | 25,908,700 |
| Bills Discounted | | 61,822,742 |
| Treasury Deposit Receipts | | 68,000,000 |
| Investments | | 121,474,855 |
| Investments in Subsidiary Banks (at cost, *less* amounts written off):— | | |
| The British Linen Bank—£1,241,044 12s. 6d. Stock | | 3,723,134 |
| Other Banks—(including fully paid Shares and 500,000 "B" Shares of £5 each, £1 per Share paid up, in Barclays Bank (Dominion, Colonial and Overseas) and 1,000,000 Shares of £1 each, 5s. per Share paid up, in Barclays Bank (France) Limited) | | 2,556,434 |
| Advances:—Customers and other Accounts | 195,911,107 | |
| Balances in account with Subsidiary Banks | 1,372,599 | |
| | | 197,283,706 |
| Liability of Customers for Acceptances and Endorsements, &c. | | 14,978,292 |
| Bank Premises and Adjoining Properties (at cost, *less* amounts written off) | | 7,952,333 |

**Head Office - - - 54, LOMBARD STREET, LONDON, E.C.3**

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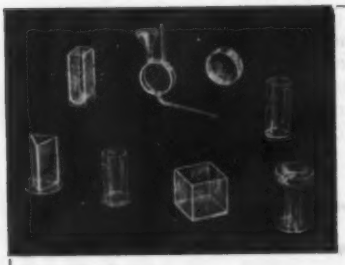

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## BRITISH POSTGRADUATE MEDICAL SCHOOL

(UNIVERSITY OF LONDON)

### INTENSIVE COURSE IN WAR MEDICINE

**3rd to 7th February**

| | | |
|---|---|---|
| Monday, 3rd Feb. | 10–11.30 A.M. | Effort Syndrome. |
| | 11.30–1 P.M. | The Prevention in Barracks and the Field of certain Wartime Diseases of Special Military Importance. |
| | 1.30–3 P.M. | Dyspepsia in War. |
| | 3–4 P.M. | Prescribing in Wartime. |
| Tuesday, 4th Feb. | 10–11.30 A.M. | Skin Diseases in Wartime. |
| | 11.30–1 P.M. | The Prevention in Barracks and the Field of certain Wartime Diseases of Special Military Importance (*contd.*). |
| | 1.30–3 P.M. | Protective Inoculation, with special reference to Tetanus. |
| | 3–4 P.M. | Carbon Monoxide Poisoning. |
| Wednesday, 5th Feb. | 10–11.30 A.M. | Dietetic Deficiencies in War. |
| | 11.30–1 P.M. | Trench Fever and Trench Nephritis. |
| | 1.30–3 P.M. | Treatment of Gas Casualties. |
| | 3–4 P.M. | Frostbite. |
| Thursday, 6th Feb. | 10–11.30 A.M. | War Neuroses. |
| | 11.30–1 P.M. | Medical Management of Chest Wounds. |
| | 1.30–3 P.M. | Medical Aspects of Head Injuries. |
| | 3–4 P.M. | Food Poisoning. |
| Friday, 7th Feb. | 10–11.30 A.M. | War Neuroses (*contd.*). |
| | 11.30–1 P.M. | Sulphonamide Drugs in War. |
| | 1.30–3 P.M. | Practical Management of Wound Shock. |
| | 3–4 P.M. | Effects of Blast. |

Names of lecturers will be notified later.

The fee for the Course will be one guinea, but no fee will be charged in the case of Officers of the Armed Forces and Emergency Medical Service who submit a leave certificate and register their names before the commencement of the Course.

Applications for tickets should be addressed to the Dean, British Postgraduate Medical School, Ducane Road, W.12.

## Royal College of Obstetricians and GYNÆCOLOGISTS.

The next EXAMINATION for the DIPLOMA (D.R.C.O.G.) will be held on MARCH 4TH (Written) and MARCH 18TH (Clinical and Viva Voce).

Application for entrance to the Examination (on the prescribed form obtainable from the Honorary Secretary) must be made not later than Tuesday, February 11th, 1941.

The Examination Fee is £10 10s., and successful candidates will be required to pay a fee of £5 5s. before being granted the Diploma of the College.

58, Queen Anne-street, London, W.1.

## BRITISH POSTGRADUATE MEDICAL SCHOOL

### INTENSIVE COURSE ON WAR MEDICINE
**3rd to 7th February, 1941**

| | | | |
|---|---|---|---|
| Monday, 3rd Feb. | 10–11.30 A.M. | Effort Syndrome .. | Dr. P. H. Wood, M.D., F.R.C.P. |
| | 11.30–1 P.M. | The Prevention in Barracks and the Field of certain Wartime Diseases of Special Military Importance. | Lieut.-Col. C. S. Ryles, O.B.E., R.A.M.C. |
| | 1.30–3 P.M. | Dyspepsia in War .. | Dr. C. E. Newman, M.D., F.R.C.P., and Mr. Reginald Payne, M.S., F.R.C.S. |
| | 3–4 P.M. | Prescribing in Wartime. | Dr. P. Hamill, D.Sc., M.D., F.R.C.P. |
| Tuesday, 4th Feb. | 10–11.30 A.M. | Skin Diseases in Wartime. | Dr. R. T. Brain, M.D., F.R.C.P. |
| | 11.30–1 P.M. | The Prevention in Barracks and the Field of certain Wartime Diseases of Special Military Importance (*contd.*). | Lieut.-Col. C. S. Ryles, O.B.E., R.A.M.C. |
| | 1.30–3 P.M. | Trench Fever and Trench Nephritis. | Sir Arthur Hurst, D.M., F.R.C.P. |
| | 3–4 P.M. | Effects of Blast .. | Dr. S. Zuckerman, M.A., D.Sc. |
| Wednesday, 5th Feb. | 10–11.30 A.M. | Dietetic Deficiencies in War. | Professor S. J. Cowell, F.R.C.P. |
| | 11.30–1 P.M. | Protective Inoculation, with special reference to Tetanus. | Dr. P. Hartley, C.B.E., D.Sc., F.R.S. |
| | 1.30–3 P.M. | Treatment of Gas Casualties. | Professor J. A. Nixon, C.M.G., M.D., F.R.C.P. |
| | 3–4 P.M. | Food Poisoning .. | |
| Thursday, 6th Feb. | 10–11.30 A.M. | War Neuroses .. .. | Dr. Gordon Holmes, C.M.G., C.B.E., Sc.D., F.R.C.P. |
| | 11.30–1 P.M. | Medical Management of Chest Wounds. | Major J. G. Scadding, M.D., M.R.C.P. |
| | 1.30–3 P.M. | Medical Aspects of Head Injuries. | Dr. Russell Brain, D.M., F.R.C.P. |
| | 3–4 P.M. | Frostbite .. .. | Dr. Raymond Greene, D.M. |
| Friday, 7th Feb. | 10–11.30 A.M. | War Neuroses (*contd.*). | Dr. Gordon Holmes, C.M.G., C.B.E., Sc.D., F.R.C.P. |
| | 11.30–1 P.M. | Sulphonamide Drugs in War. | Colonel L. E. H. Whitby, C.V.O., M.C., M.D., F.R.C.P. |
| | 1.30–3 P.M. | Practical Management of Wound Shock. | Dr. J. McMichael, M.D., F.R.C.P., F.R.S.E. |
| | 3–4 P.M. | Carbon Monoxide Poisoning. | Dr. H. D. Ruskin, M.B., M.R.C.P. |

The fee for the Course will be one guinea, but no fee will be charged in the case of Officers of the Armed Forces and Emergency Medical Service who submit a leave certificate and register their names before the commencement of the Course.

Applications for tickets should be addressed to the Dean, British Postgraduate Medical School, Ducane Road, W.12.

## Royal College of Surgeons of England.

ELECTION TO THE COURT OF EXAMINERS.

Notice is hereby given that the Council, on the 10th April, 1941, will elect a Member of the Court of Examiners. Mr. H. S. SOUTTAR, the retiring Examiner, is eligible and offers himself for re-election.

Fellows of the College desirous of becoming candidates for the office must make application to the Secretary on or before Monday, 17th February, 1941.

KENNEDY CASSELS, Secretary.

1st February, 1941.

## PRELIMINARY EXAMINATIONS FOR MEDICAL AND DENTAL STUDENTS

The College of Preceptors holds Preliminary Examinations in March, June, September, and December. For regulations, apply to the Secretary, College of Preceptors, at temporary address, 31 Corkran-road, Surbiton, Surrey.

## University of London.

Applications are invited from members of the University for GRANTS from the Central Research Fund for assisting specific projects of research and for the provision of special material and apparatus.

Application forms (which must be returned by 31st March, 1941) and further particulars may be obtained from the Academic Registrar, at 42, Gyles-park, Stanmore, Middlesex.

## University of London.

ROGER PRIZE, 1941.

The Rogers Prize, of the value of £100, is offered by the Senate in 1941. The Prize will be awarded for an Essay or Dissertation on the following subject:—

"THE PATHOLOGY AND TREATMENT OF BURNS."

The Prize is open to all persons whose names appear on the Medical Register of the United Kingdom.

Applications must be submitted to the Academic Registrar, University of London, at 42, Gyles-park, Stanmore, Middlesex (from whom full particulars of the Prize can be obtained), not later than Wednesday, 30th April, 1941.

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# THE MAUDSLEY HOSPITAL, DENMARK HILL, S.E.5.

A CLINIC for Neuroses and Curable Mental Disorder instituted by the London County Council. Facilities for *out-patient treatment only*. Cases seen from 9.30 A.M. to 12 NOON on Mondays, Wednesdays and Fridays. Inquiries of medical officer in charge at Sutton E. Hospital, Sutton, Surrey. Clinics for children are held at the Maudsley Hospital at 10 A.M. on Mondays.

Out-patient clinics are held also at St. Charles' Hospital, St. Charles' Square, Ladbroke Grove, W.10, at 10 A.M. on Wednesdays and Fridays for adults; at St. Mary (Islington) Hospital, Highgate Hill, N.19, for adults on Tuesdays and Fridays at 2 P.M.; and at Mile End Hospital, Bancroft Road, E.1, for adults on Thursdays at 10 A.M.

Attendance at the Children's Clinics at the Maudsley Hospital and at the Clinics at St. Charles', St. Mary (Islington), and Mile End Hospitals should be by appointment with the Psychiatric Social Worker at Mill Hill E. Hospital, N.W.7.

Hours of attendance subject to alteration.

# THE CASSEL HOSPITAL FOR FUNCTIONAL NERVOUS DISORDERS

new address: ASH HALL, BUCKNALL, near STOKE-on-TRENT, STAFFS. *Telephone:* ASH BANK 215

Owing to existing circumstances the hospital has been transferred from Swaylands, Penshurst, Kent, to the above address for the duration of the war. Ash Hall is situated in the country about 5 miles from Stoke in the direction of Ashbourne.

The hospital will continue to admit for treatment patients of moderate means suffering from psychoneurotic illnesses.

Patients suffering from psychotic illnesses are not eligible for admission.

Further particulars may be obtained by application to the Medical Director at the new address.

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A Private Clinic, the first in Great Britain, for investigation and treatment of all forms of disease, except infectious and mental

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Separate Villa for patients suffering from the effects of alcoholism and drug addiction. Every facility for complete investigation and individual treatment on the most modern lines. Fully equipped gymnasium, golf course, and indoor swimming pool. Specially trained occupational and recreational therapists. **Special Department for Insulin Therapy.** As the hospital is well endowed terms are exceptionally moderate, e.g., First Department from 3 guineas per week, Second Department, 2 and 2½ guineas per week. Voluntary and certified patients are received. Medical Certificates given anywhere in the British Isles are valid for admission of patients. *For prospectus, necessary forms, and further information apply to:—*

Physician Superintendent, P. K. McCowan, J.P., M.D., F.R.C.P., D.P.M., Barrister-at-Law. Tel. Dumfries 1119.

# HAYDOCK LODGE,
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For the reception and treatment of PRIVATE PATIENTS of both sexes of the UPPER AND MIDDLE CLASSES suffering from Mental and Nervous Disorders, Alcoholism and Drug addiction, either voluntarily, temporarily, or under certificate. Patients are classified in separate buildings according to their mental condition. Situated in park and grounds of 400 acres. Self-supported by its own farm and gardens in which patients are encouraged to occupy themselves. Every facility for indoor and outdoor recreation. For terms, prospectus, etc., apply MEDICAL SUPERINTENDENT. *'Phone:* Ashton-in-Makerfield 7311. *Tele. Address:* Street, Ashton-in-Makerfield.

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GEORGE DAY, M.D. (Cantab.)

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## FOR NERVOUS AND MENTAL DISORDERS,

# NORTHAMPTON

*FOR THE UPPER AND MIDDLE CLASSES ONLY.*

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MEDICAL SUPERINTENDENT: THOMAS TENNENT, M.D., M.R.C.P., D.P.H., D.P.M.

This Registered Hospital is situated in 130 acres of park and pleasure grounds. Voluntary patients, who are suffering from incipient mental disorders or who wish to prevent recurrent attacks of mental trouble; temporary patients, and certified patients of both sexes are received for treatment. Careful clinical, bio-chemical, bacteriological, and pathological examinations. Private rooms with special nurses, male or female, in the Hospital or in one of the numerous villas in the grounds of the various branches can be provided.

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This is a Reception Hospital in detached grounds with a separate entrance, to which patients can be admitted. It is equipped with all the apparatus for the complete investigation and treatment of Mental and Nervous Disorders by the most modern methods; insulin treatment is available for suitable cases. It contains special departments for hydrotherapy by various methods, including Turkish and Russian baths, the prolonged immersion bath, Vichy Douche, Scotch Douche, Electrical baths, Plombieres treatment, etc. There is an Operating Theatre, a Dental Surgery, an X-Ray Room, an Ultra-violet Apparatus, and a Department for Diathermy and High-frequency treatment. It also contains Laboratories for bio-chemical, bacteriological, and pathological research. Psychotherapeutic treatment is employed when indicated.

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Two miles from the Main Hospital there are several branch establishments and villas situated in a park and farm of 650 acres. Milk, meat, fruit, and vegetables are supplied to the Hospital from the farm, gardens, and orchards of Moulton Park. Occupational therapy is a feature of this branch, and patients are given every facility for occupying themselves in farming, gardening, and fruit growing.

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The seaside house of St. Andrew's Hospital is beautifully situated in a Park of 330 acres, at Llanfairfechan, amidst the finest scenery in North Wales. On the North-West side of the Estate a mile of sea coast forms the boundary. Patients may visit this branch for a short seaside change or for longer periods. The Hospital has its own private bathing house on the seashore. There is trout-fishing in the park.

At all the branches of the Hospital there are cricket grounds, football and hockey grounds, lawn tennis courts (grass and hard courts), croquet grounds, golf courses, and bowling greens. Ladies and gentlemen have their own gardens, and facilities are provided for handicrafts, such as carpentry, etc.

For terms and further particulars apply to the Medical Superintendent (TELEPHONE: No. 2356 and 2357 Northampton), who can be seen in London by appointment.

# CHEADLE ROYAL HOSPITAL, Cheadle, Cheshire.

This REGISTERED HOSPITAL, with a SEASIDE BRANCH at Colwyn Bay, N. Wales, is for the treatment and care of those of the Upper and Middle Classes suffering from MENTAL AND NERVOUS DISEASES.

The Hospital is governed by a COMMITTEE, appointed by the TRUSTEES of the Manchester Royal Infirmary.

In addition to the Main Buildings there are separate villas. Extensive grounds. Hard and grass tennis courts, cricket and croquet grounds, and a court for badminton. There are also wireless installations. Golf may be had within easy distance. Occupational Therapy.

VOLUNTARY, TEMPORARY, AND CERTIFIED PATIENTS received.

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For terms and further particulars apply to the Medical Superintendent, who may be seen in Manchester BY APPOINTMENT. *Telephone: Gatley* 2231 (3 lines).

# CAMBERWELL HOUSE

Telegrams: "PSYCHOLIA, LONDON." 33, PECKHAM RD., LONDON, S.E.5. Telephone: Rodney 4242 (3 lines).

***For the treatment of MENTAL DISORDERS.***

Also completely detached Villas for Mild Cases, with private suites if desired. Voluntary Patients received. Twenty acres of Grounds. Hard and Grass Tennis Courts, Putting Greens, Bowls, Croquet, Squash Rackets, Recreation Hall with Badminton Court, and all indoor amusements, including Wireless and other Concerts, Occupational Therapy, Calisthenics, and Dancing Classes. X-ray and Actino-therapy, Prolonged Immersion Baths, Operating Theatre, Pathological Laboratory, Dental Surgery, and Ophthalmic Department. Chapel. **Shock and also modified Insulin Therapy.**

Senior Physician: Dr. HUBERT JAMES NORMAN, assisted by a resident Medical Staff, and visiting Consultants.

An Illustrated Prospectus, giving fees which are strictly moderate, may be obtained upon application to the Secretary.

**The Convalescent Branch is Hove Villa, Brighton, and is 200 feet above sea level.**

# THE COTSWOLD SANATORIUM

First opened in 1898 and rebuilt in 1925 on the Cotswold Hills seven miles from Cheltenham, for the Treatment of Pulmonary and all other forms of Tuberculosis. Aspect S.S.W., sheltered from North and East, elevation 800 feet. Pure bracing air, SPECIAL TREATMENT by artificial PNEUMOTHORAX (X-ray controlled). TUBERCULINS, and ULTRA-VIOLET RAYS is available when necessary without extra charge. X-RAY plant, Fully Equipped Dental Department, Electric Light Radiators, hot and cold basins and Wireless in all rooms. Up-to-date drainage. Full day & night Nursing Staff. **Terms: 5½ to 8½ Guineas a week inclusive.**

*Med. Supt.:* GEOFFREY A. HOFFMAN, B.A., M.B., T.C. Dub. *Asst. Phys.:* MARGARET A. HARRISON, M.B., B.S. Lond. *Cons. Laryngologist:* G. N. BARKER, F.R.C.S. Edin., D.L.O. *Cons. Dent. Surgeon:* GEORGE V. SAUNDERS, L.D.S.R.C.S. Lond. *Phone:* 81 & 82 Witcombe. Apply: *The Secretary, The Cotswold Sanatorium, Cranham, Gloucester. Telegrams:* "Hoffman, Birdlip."

# COURT HALL, KENTON, near EXETER

FOR THE TREATMENT OF EIGHT LADIES, VOLUNTARY, TEMPORARY AND CERTIFIED PATIENTS

# CLIFFDEN, TEIGNMOUTH

FOR EARLY AND CONVALESCENT CASES Recreational Therapies are held daily by skilled Leaders

The house stands high with spacious balconies and extensive views of the South Devon Coast. Beautiful garden. Own Dairy in 25 acres. Private road to beach.

There is also a charming house, **EBWORTHY, MANATON, DARTMOOR,** situated in 20 acres, 1100 ft. up for bracing moorland air.

*Resident Physicians*—BERTHA M. MULES, M.D., B.S. ANNE S. MULES, M.R.C.S., L.R.C.P.

*Telephones*—STARCROSS 259 and TEIGNMOUTH 289

# St. Johns' Brine Bath Hospital, Droitwich

(SUPPORTED BY VOLUNTARY SUBSCRIPTIONS)

**A Hospital for Poor Patients for the Treatment of Rheumatism, Gout, Sciatica and allied Complaints**

The Committee of Management wish to make it known that the Hospital is now open for the reception of Patients in need of Brine Bath treatment

For particulars apply to
The Secretary, 25 St. Andrew's Street, Droitwich

# PECKHAM HOUSE, 112, Peckham Road, London, S.E.15

**Telegrams: "Alleviated, London"** **Telephone: Rodney 2641-2642**

A Private Mental Hospital, for Ladies and Gentlemen suffering from Nervous and Mental Illness, where the amenities of a comfortable home are combined with full investigation and every well-established modern treatment.

Terms from 3½ guineas weekly.

Illustrated Prospectus may be obtained from the Physician Superintendent.

# VALE OF CLWYD SANATORIUM

This Sanatorium is established for the treatment of Tuberculosis of the Lungs and the Pleural Cavities. It is situated in the midst of a large area of park-land at a height of 450 feet above sea-level, on the South West slopes of mountains rising to over 1800 feet, which protect it from north and east winds and provide many miles of graduated walks with magnificent views. Average rainfall 29·57 per annum. Full day and night Nursing Staffs. X-Ray plant. Every facility for Artificial Pneumothorax and for operations on the chest. Electric Lighting. Central Heating. Home Farm. Grade A Milk from T.T. Herd.

For particulars apply to Medical Superintendent.

H. MORRESTON DAVIES, M.D., M.Ch. (Cantab.), F.R.C.S., Llanbedr Hall, Ruthin, N. Wales.

# THE OLD MANOR SALISBURY

*A Private Hospital for the Care and Treatment of those of both sexes suffering from MENTAL DISORDERS.*

Extensive grounds. Detached Villas. Chapel. Garden and Dairy Produce from own farm. Terms very moderate.

**CONVALESCENT HOME AT BOURNEMOUTH** Detached Villas standing in 12 acres of ornamental grounds, with tennis courts, etc., which Voluntary, Temporary or Certified Patients may visit by arrangement for long or short period.

Illustrated Brochure on application to the Medical Superintendent. The Old Manor, Salisbury. Telephone: Salisbury 3216 and 3217.

# HOLLOWAY SANATORIUM VIRGINIA WATER

**A Registered Hospital for the Treatment of MENTAL DISORDERS of the EDUCATED CLASSES. Founded by THOMAS HOLLOWAY in 1885.**

This Institution is situated in a beautiful and healthy locality within easy reach of London. It is fitted with every comfort. Patients can have Private Bedrooms and Special Nurses as well as the use of General Sitting Rooms, at moderate rates of payment. Voluntary Patients can be admitted.

There is a Branch Establishment at CANFORD CLIFFS, BOURNEMOUTH, where Patients can be sent for a change and be provided with all the comforts of a well-appointed home.

*For Terms, apply to—*

**The RESIDENT MEDICAL SUPERINTENDENT, St. Ann's Heath, Virginia Water, SURREY**

THE GROVE HOUSE,
CHURCH STRETTON, SHROPSHIRE.

Private Home for Ladies mentally ill. Voluntary and Temporary Patients received.

Medical Superintendent: Dr. J. A. McCLINTOCK

# MALLING PLACE, KENT

For LADIES and GENTLEMEN of Unsound Mind.

Terms moderate. Apply to Resident Medical Superintendent. Telegrams: ADAM WEST MALLING. Telephone No. 2: MALLING.

# ROYAL EARLSWOOD INSTITUTION
## REDHILL, SURREY

**For MENTAL DEFECTIVES of all ages**

Training under medical supervision. Schools, Farm, Trade Workshops, Recreations. Fees £110 to £375 p.a. Election by votes of subscribers at reduced terms for necessitous trainable cases.

Apply, Secretary. Tel.: Redhill 344

# SPRINGFIELD HOUSE

'Phone: BEDFORD 3417. **Near BEDFORD**

**For Mental Cases with or without Certificates.**

*Ordinary Terms: Five Guineas per week (including Separate Bedrooms for all suitable cases without extra charge).*

For forms of admission, &c., apply to the Resident Physician, CEDRIC W. BOWER.

INTERVIEWS IN LONDON BY APPOINTMENT.

# THE MAGHULL HOMES FOR EPILEPTICS (INC.)

MAGHULL (Near Liverpool)

FARMING and OPEN AIR OCCUPATION for PATIENTS

A few vacancies in 1st and 2nd Class Houses.

FEES:

1st Class (men only) from £5 5s. p.w. upwards.

2nd Class (men and women) 32/- p.w.

*For further particulars apply*

Secretary,

C. EDGAR GRISEWOOD, A.C.A., 20 Exchange St. East, Liverpool

# STRETTON HOUSE,

Church Stretton, Shropshire.

ESTABLISHED IN 1853.

A PRIVATE HOME for the treatment of gentlemen suffering from Mental and Nervous illness, including the allied Disorders of Alcoholism and the Drug Habit. All types of early Mental and Nervous Cases are received without Certificates as Voluntary Patients under the provisions of the Mental Treatment Act, 1930. Bracing hill country. See "Medical Directory," p. 2358.—Apply to the Medical Superintendent. 'Phone 10 P.O., Church Stretton

# FENSTANTON, at "FIVE DIAMONDS," Chalfont St. Giles, Bucks.

A Private Home for the Care and Treatment of a limited number of LADIES with Mental and Nervous Disorders. Certified, Voluntary, and Temporary Patients received. Mansion with 12 acres of ground. (*See Medical Directory*, p. 2346.) Apply Resident Physician. Telephone: Little Chalfont 2048. Station: Chalfont and Latimer.

# NORTHUMBERLAND HOUSE
GREEN LANES,
FINSBURY PARK, N.4

A PRIVATE HOSPITAL for the treatment of mental and nervous illnesses. Conveniently situated and easy of access from all parts. Occupational Therapy, Psychotherapy, and other modern forms of treatment. A.R.P. Shelters.

*Telephone:* Stamford Hill 2688.

For further particulars apply to the MEDICAL SUPERINTENDENT

# PORTSMOUTH CITY MENTAL HOSPITAL

Accommodation is provided for the reception of PRIVATE PATIENTS of both sexes in three detached Villas, which are healthily and pleasantly situated in extensive grounds with sea views.

Charges from 3 guineas weekly, including all necessaries except clothing.—Apply to the Medical Superintendent and Resident Physician, THOMAS BEATON, O.B.E., M.D., F.R.C.P.

# THE COPPICE, NOTTINGHAM.
HOSPITAL FOR MENTAL DISEASES.

President: The Right Hon. LORD BELPER.

This Institution is exclusively for the reception of a limited number of PRIVATE PATIENTS of both sexes, of the UPPER and MIDDLE CLASSES, at moderate rates of payment. It is beautifully situated in its own grounds, on an eminence a short distance from Nottingham, and commands an extensive view of the surrounding country; and from its singularly healthy position and comfortable arrangements affords every facility for the relief and cure of those mentally afflicted. Voluntary and Temporary Patients received. Occupational Therapy. For terms, &c., apply to the Medical Superintendent.

Telephone: 64117 Nottingham.

# UNIVERSITY EXAMINATION POSTAL INSTITUTION

17, RED LION SQUARE, LONDON, W.C.1

Over 50 years' experience

**POSTAL AND ORAL COACHING FOR ALL MEDICAL EXAMINATIONS**

**MEDICAL PROSPECTUS (36 pages),**

sent gratis, along with List of Tutors, &c., on application to the Principal, 17, Red Lion-square, London, W.C.1. (Telephone: HOLborn 6313.)

# Royal Free Hospital,
Gray's Inn-road, W.C.1.

Applications are invited for the post of DISTRICT OBSTETRIC ASSISTANT, tenable for six months in the first place, at a salary of £100 per annum. Duties to commence 1st March, 1941.

Candidates must be duly qualified registered medical Women.

Application form may be obtained from the undersigned and should be duly filled in and returned on or before the 8th February, 1941. RICHARD T. BARTLEY, Secretary.

# The Royal Cancer Hospital (Free)
(Incorporated under Royal Charter),
Fulham-road, London, S.W.3.

Applications are invited for the post of HOUSE SURGEON (A), including R practitioners within three months of qualification, when appointment will be limited to six months, to commence duties on the 1st April, 1941. Candidates must be unmarried. Salary at the rate of £100 per annum. The appointment is for six months and subject to rules, a copy of which can be obtained from the Secretary.

Applications, to be made on a form which will be supplied by the Secretary, with copies only of not more than three recent testimonials, to be sent to the Secretary not later than the first post on Wednesday, 12th February, 1941.

CLEMENT COBBOLD, Secretary.

# King Edward Memorial Hospital,
Mattock-lane, Ealing, W.13.

Applications are invited from registered medical practitioners Male or Female, for the appointment of CASUALTY OFFICER AND DEPUTY RESIDENT MEDICAL OFFICER (B2) now vacant, including R practitioners who now hold A posts; six months' appointment. Salary at the rate of £225 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of two recent testimonials, should be sent to the undersigned immediately.

R. A. MCKELWRIGHT, House Governor.

# German Hospital, London.
(British Voluntary Hospital under M.S. Scheme),
Ritson-road, Dalston, E.8.

HOUSE SURGEON (B2) with some practical experience wanted for immediate start. R practitioners now holding A posts may apply, when the appointment will be limited to six months. Salary £200 per annum, with board, lodging, and laundry.

Send application, with copies of testimonials, to the SECRETARY.

# The London Chest Hospital.
Victoria Park, E.2.

A vacancy for Class B2 HOUSE PHYSICIAN will occur at once. R practitioners now holding A posts may apply. Six months' appointment. Salary at the rate of £100 per annum. Board, residence, and laundry provided.

Applications, with copies of three testimonials, should be sent immediately to the SECRETARY.

## The Queen's Hospital for Children,
Hackney-road, E.2.

CASUALTY OFFICER required 1st March, 1941.
HOUSE PHYSICIAN required 1st March, 1941.
Six months' appointments. The above are normally B2 appointments, but candidates eligible for A appointments are also invited to apply. Salary at rate of £100 per annum, with certain additions, with board, lodging, and laundry in each case.
Candidates must be prepared to participate in the Emergency Hospital arrangements in connexion with which beds have been reserved.
Applications must be made on forms to be obtained from the undersigned and be sent in, with copies of not more than three testimonials, on or before 13th February, 1941.
CHARLES H. BESSELL, Secretary.

## Hospital of St. John and St. Elizabeth,
60, Grove End-road, N.W.8.

Applications are invited for the post of RESIDENT HOUSE PHYSICIAN (A) (Male), including R practitioners within three months of qualification. The post is recognised for the degree of M.D. London University. The appointment will be for six months and will commence on 1st March, 1941. Salary at the rate of £150 per annum, with full board.
Applications, together with copies of three testimonials, should reach the undersigned by Tuesday, 11th February.
Applicants will be required to attend a meeting of the Medical Committee on Thursday, 13th February, at 12 NOON, at the Hospital.
F. DUDLEY HOBBS, B.A., Secretary.

## Golden Square Throat, Nose and Ear
HOSPITAL, near Piccadilly Circus, W.1.

CLINICAL ASSISTANTS.
There are vacancies for Clinical Assistants to attend at the following times:
MONDAYS, 10 A.M. and 2 P.M.
WEDNESDAYS, 2 P.M. THURSDAYS, 2 P.M.
The posts, which are honorary, afford good opportunities for obtaining extended knowledge of the specialty, as the duties consist of assisting the surgeons in the treatment of patients.
Applications, which may be for periods of three, six, or twelve months, should be sent to the undersigned as soon as possible. JOHN H. YOUNG, Secretary-Superintendent.

## Middlesex County Council.

NON-RESIDENT CASUALTY OFFICER (B1) for WEST MIDDLESEX COUNTY HOSPITAL.
Applications invited from registered medical practitioners (including suitably qualified R practitioners in B2 or B1 posts) who have held house appointments in general hospitals and had considerable all-round experience. Salary £350 per annum, with £100 per annum non-resident allowance. Whole-time duties under supervision of Medical Superintendent will include dealing with casualties and admissions to hospital, and such other duties as may be required. Subject to medical examination and one month's notice is for six months in the first instance, but may be extended for a further six months.
Applications, stating age, nationality, qualifications with dates, experience, and details to the undersigned. No application forms provided. Relationship to any member or officer of the Council to be disclosed. Copies of not more than three recent testimonials. Canvassing, directly or indirectly, will disqualify. Closing date 8th February, 1941.
C. W. RADCLIFFE, "B3," Clerk of the County Council.
Guildhall, Westminster, S.W.1, 17th January, 1941.

## Royal Eye Hospital,
St. George's Circus, S.E.1.

ASSISTANT HOUSE SURGEON (B2).
Applications are invited from registered medical practitioners, including R practitioners who now hold A posts. Appointment becomes vacant February 24th. If R practitioner appointed, the appointment will be limited to six months. Salary £100 per annum, with board and residence.
Applications, with copies of three recent testimonials, should be sent to the SECRETARY not later than Monday, February 10th.

## London County Council.

Medical practitioners required for undermentioned positions in Council's hospitals service. Married quarters not available.
TEMPORARY ASSISTANT MEDICAL OFFICERS (Class I) (B1). Salary £350–£25–£425. Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply.
(a) FULHAM HOSPITAL, St. Dunstan's-road, Hammersmith, W.6. Surgical duties.
(b) LAMBETH HOSPITAL, Brook-drive, Kennington-road, S.E.11. General duties with surgical bias and anæsthetics.
(c) ST. JAMES' HOSPITAL, Ouseley-road, Balham, S.W.12. Duties in fracture unit.
TEMPORARY ASSISTANT MEDICAL OFFICERS (Class II) (B2). Salary £250. R practitioners who hold A posts may apply. If held by an R practitioner the appointment will be limited to six months. General duties in general hospitals and infectious hospitals service.
All positions are with board, lodging, and washing.
Application forms obtainable (stamped addressed foolscap envelope necessary) from Medical Officer of Health, Staff Division 2, County Hall, S.E.1, returnable by 17th February.
Canvassing disqualifies.

## London County Council.

(1) TEMPORARY ASSISTANT DISTRICT MEDICAL OFFICER required for Area VII, District H (Part Borough of Battersea). Provisional salary £250 a year.
(2) TEMPORARY ASSISTANT DISTRICT MEDICAL OFFICER required for Areas IX and X, District B (Part Borough of Deptford). Provisional salary £400 a year.
Persons engaged required to carry out duties prescribed by Public Assistance Order, 1930, and to reside in or near district. Engagements renewable annually at 31st March. Remuneration and conditions subject to review.
Vacancies exist during absence on national service of the appointed Assistant District Medical Officers.
Application form obtainable (stamped addressed foolscap envelope necessary) from Medical Officer of Health, Staff Division (S.D.6), County Hall, S.E.1, returnable by 17th February.
Canvassing disqualifies.

## Bolingbroke Hospital,
Wandsworth Common, S.W.11.

Applications are invited from registered medical practitioners (Male) for the appointment of CASUALTY OFFICER (A), to become vacant on March 1st, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Otherwise reappointment for a further period will be considered. Salary is at the rate of £120 per annum, with full residential emoluments.
Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than February 12th, 1941.
W. S. RANDOLPH BISS, Secretary-Superintendent.

## Royal Northern Hospital, Holloway,
N.7.

Applications are invited from registered medical practitioners for the appointment of HOUSE PHYSICIAN (B2), to become vacant on February 24th, for a period of six months, including R practitioners who now hold A posts.
Salary is at the rate of £70 per annum, plus extra emoluments and board, residence, and laundry.
Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than February 7th. GILBERT G. PANTER, Secretary.

## Hospital for Consumption and Diseases
OF THE CHEST, Brompton, S.W.3.

The Committee of Management invite applications from registered medical practitioners, including R practitioners who now hold A posts, for the post of RESIDENT SURGICAL OFFICER (B2) at the Sanatorium at Frimley. The appointment is for six months, commencing March 1st, 1941. Salary at the rate of £150 per annum, with board and residence.
Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of one or more recent testimonials, should reach the undersigned not later than Saturday, February 15th, 1941.
F. G. ROUVRAY, Secretary.
Brompton, January, 1941.

## Central London Throat, Nose and Ear
HOSPITAL, Gray's Inn-road, London, W.C.1.

HOUSE SURGEON (B2) (MALE OR FEMALE).
Applications are invited from registered medical practitioners, including R practitioners who now hold A posts, for the post of House Surgeon, which will shortly be vacant. If held by an R practitioner the appointment is limited to six months, three as Second and three as First. Otherwise it will be for a period of nine months. Salary at the rate of £75 per annum.
Applications, stating age, qualifications, nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned by 21st February.
JOHN J. YOUNG, Secretary-Superintendent.

## National Temperance Hospital,
Hampstead-road, N.W.1.

Applications are invited for the posts of HOUSE PHYSICIAN and HOUSE SURGEON, who will be required to act as House Surgeon (A) under the M.S., including R practitioners within three months of qualification.
The appointments are for a period of six months as from February 19th. Salary at least £120 per annum, with board, residence and laundry.
Applications, stating qualifications, age, &c., with copies of not more than three testimonials, by the 12th of February, addressed to the Secretary.

## Examining Surgeons:
FACTORIES ACT, 1937.

The following appointment as Examining Surgeon under the Factories Act, 1937, is vacant.
Applications should be sent to the Chief Inspector of Factories, Cleland House, Page-street, London, S.W.1.

| District | County | Latest date for receipt of application. |
|---|---|---|
| COATBRIDGE .. | LANARK .. | 11th February, 1941 |

# HIS MAJESTY'S COLONIAL SERVICE

## THE COLONIAL MEDICAL SERVICE

## VACANCIES FOR MEDICAL OFFICERS

The maintenance of an efficient Colonial Medical Service constitutes a vital part of the national war effort and it is most important that the Service should be assured of an adequate supply of doctors.

The Secretary of State for the Colonies therefore invites applications from doctors possessing a medical qualification registrable in the United Kingdom who are British subjects and who are under thirty-five years of age.

Medical Officers are appointed in the first instance for general service. But there are ample opportunities for work in special branches of medicine and surgery, in public health and in medical research.

The normal salary scale is from £600 to between £1,000 and £1,120. There are large numbers of super-scale posts to which promotion is made on merit and which carry higher salaries.

Government quarters, in many cases free of rent, and first-class passages to and from the Colonies are provided, and an adequate pension scheme is in force.

Selected candidates are normally required to attend a course of instruction in Tropical Medicine and Hygiene either before proceeding overseas or during their first period of leave.

Further particulars, including the regulations governing admission to the Colonial Medical Service, may be obtained from the Director of Recruitment (Colonial Service), 29, Queen Anne's-gate, London, S.W.1.

## The Children's Hospital, Sheffield
(INC.) (157 Beds.)

Applications are invited from registered medical practitioners, Male and Female, for the appointment of HOUSE SURGEON (A), to become vacant on 1st February, 1941, including R practitioners within three months of qualification. Appointment is for a period of six months. Salary at the rate of £100 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

T. H. G. GARTLAND, Superintendent and Secretary.

## County Borough of Stockport.

STEPPING HILL HOSPITAL.
(453 Beds.)

RESIDENT ASSISTANT MEDICAL OFFICER.

Applications are invited from duly qualified medical practitioners, including R practitioners who now hold A posts, for the B2 post of Resident Assistant Medical Officer (Male) at the above Hospital.

Salary £350 per annum (plus cost-of-living bonus), with board, residence, and laundry.

If held by R practitioner the appointment will be limited to six months, otherwise it will be for one year, determinable by one month's notice on either side.

The person appointed will be required to devote the whole of his time to the duties of the office.

Applications, stating age, qualifications, and experience, together with copies of three testimonials, are to be sent to the Medical Officer of Health, Town Hall, Stockport, endorsed "Assistant Medical Officer."

F. KNOWLES, Town Clerk.

Town Hall, Stockport, 25th January, 1941.

## Broadmoor Criminal Lunatic Asylum,
CROWTHORNE, BERKS.

Applications are invited from registered medical practitioners Male, for the post of TEMPORARY JUNIOR MEDICAL OFFICER at the above institution. Salary is at the rate of £525 per annum, with furnished quarters and attendance, but not board.

Applications, stating age, nationality, and qualifications, and accompanied by copies of three recent testimonials, should be sent to the MEDICAL SUPERINTENDENT as soon as possible.

## Newark General Hospital.
(66 Normal Beds.)

Applications are invited from registered medical practitioners (Male), including R practitioners within three months of qualification, for appointment of JUNIOR HOUSE SURGEON (A), now vacant. The appointment is for six months. Salary at the rate of £175 per annum, with full residential emoluments.

Applications, stating age, nationality, qualifications with dates, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

B. C. DION, Secretary-Superintendent.

## The Gloucestershire Royal Infirmary
AND EYE INSTITUTION.
(239 Beds. 6 Residents.)

Applications are invited from registered medical practitioners (Male), including R practitioners within three months of qualification, for the appointment of a HOUSE SURGEON (A), to become vacant on February 18th.

The appointment is for six months. Salary at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned at once.

F. J. SYMONS, Secretary.

January 25th, 1941.

## County Borough of Middlesbrough.

ST. LUKE'S HOSPITAL.

A LOCUM TENENS MEDICAL OFFICER (B1) is required for the above Mental Hospital. Candidates must not be eligible for service with H.M. Forces. The salary offered is £9 9s. per week, with board and lodging and washing.

Preference will be given to those with Mental Hospital experience.

Applications should be submitted at once, accompanied by three references, to the Medical Superintendent at the above Mental Hospital

PRESTON KITCHEN, Clerk to the Visiting Committee.

Municipal Buildings, Middlesbrough, 28th January, 1941.

## Royal Berkshire Hospital, Reading.

Applications are invited from registered medical practitioners (Male), for the appointment of RESIDENT ANÆSTHETIST (B2), to become vacant on March 1, 1941, including R practitioners who now hold A posts.

The appointment is for six months.

A salary of £250 per annum, with board, residence, and laundry, will be paid to the candidate possessing suitable qualifications for the post.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

H. E. RYAN, Secretary and House Governor.

## Northampton Education Committee.

TEMPORARY APPOINTMENT OF ASSISTANT SCHOOL MEDICAL OFFICER.

Applications are invited from qualified and registered medical Men or Women holding a Diploma in Public Health for the above-mentioned temporary appointment. Salary will be at the rate of £500 to £600 per annum, according to experience.

The appointment will be subject to the provisions of the Local Government Superannuation Act, 1937.

An application form and particulars of the appointment may be obtained from the undersigned, by whom completed applications must be received not later than the 15th February, 1941.

H. C. PERRIN, Secretary for Education.

Education Office, "Springfield," Cliftonville, Northampton.

## City of Manchester.

WITHINGTON HOSPITAL. (1165 Beds.)
(Reorganised under the Regulations for the F.R.C.S.)

APPOINTMENTS OF
(1) RESIDENT ASSISTANT MEDICAL OFFICER (B2)
AND
(2) RESIDENT ASSISTANT OBSTETRICAL OFFICER (B2).

Applications are invited from registered medical practitioners, Male and Female, for the above appointments, including R practitioners who now hold A posts. If held by R practitioners, the appointments will be limited to six months. Otherwise they will be for a period of twelve months.

The duties of the first-mentioned appointment (1) are of a surgical nature and candidates must have had experience in surgery. This post will become vacant in mid-March, 1941.

The Assistant Obstetrical Officer's post (2) will become vacant on April 14th, 1941.

The salary for each post is at the rate of £250 per annum, with full residential emoluments, subject to the Manchester Corporation conditions of service.

Full information and forms of application may be obtained from the Medical Officer of Health, Hospitals Administration Section, P.O. Box 399, Town Hall, Manchester, 2, and applications for the posts must be received by him not later than March 3rd, 1941.

Canvassing in any form is prohibited.

R. H. ADCOCK, Town Clerk.

Town Hall, Manchester, 2, January 25th, 1941.

# City of Liverpool.

ALDER HEY CHILDREN'S HOSPITAL.

APPOINTMENT OF RESIDENT ASSISTANT MEDICAL OFFICER (B2).

Applications are invited from registered medical practitioners (Male and Female), including R practitioners who now hold A posts, for the appointment of Resident Assistant Medical Officer (B2) at the above Hospital.

Preference will be given to candidates with experience in children's diseases. If held by an R practitioner the appointment will be limited to six months, otherwise it will be for a period of twelve months. The salary is at the rate of £200 per annum, with full residential allowances. All fees received in connexion with the appointment to be handed over to the City Council. The appointment will be made in accordance with the Standing Orders of the City Council and will be determinable by one month's notice on either side.

Applications, upon forms obtainable from the Medical Officer of Health, Hospitals Department, Gordon House, Belmont-grove, Liverpool, 6, to be endorsed "Resident Medical Officer," and returned to the undersigned so as to be received not later than 10 A.M. on Monday, 10th February, 1941.

W. H. BAINES, Town Clerk.

Municipal Buildings, Dale-street, Liverpool, 2, January, 1941.

# City of Liverpool.

ALDER HEY CHILDREN'S HOSPITAL.

APPOINTMENT OF SENIOR RESIDENT ASSISTANT MEDICAL OFFICER (B1).

Applications are invited from registered medical practitioners (Male and Female) for the appointment of Senior Resident Assistant Medical Officer (B1).

Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply.

Candidates must be single, fully qualified, and registered, and should preferably have had considerable experience in diseases of children and possess one of the higher qualifications in medicine.

Salary at the rate of £350 per annum, rising by annual increments of £25 to £450 per annum, together with the usual residential allowances. All fees received in connexion with the appointment to be handed over to the City Council.

The position offers exceptional opportunity for anyone wishing to specialise in diseases of children.

The appointment will be made in accordance with the Standing Orders of the City Council and will be determinable by three months' notice on either side.

Applications should clearly specify "Senior Resident Assistant Medical Officer" and be made upon forms obtainable from the Medical Officer of Health, Hospitals Department, Gordon House, Belmont-grove, Liverpool, 6, to be endorsed "Senior Resident Assistant Medical Officer," and returned to the undersigned so as to be received not later than 10 A.M. on Monday, 10th February, 1941.

W. H. BAINES, Town Clerk.

Municipal Buildings, Dale-street, Liverpool, 2, January, 1941.

# Nottingham General Hospital.

(501 Beds.)

Applications are invited from registered medical practitioners (Male and Female), including R practitioners within three months of qualification, for the appointment of a HOUSE SURGEON (A) for the above Hospital. Duties to commence on or about February 15th.

The appointment is for six months. Salary at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and copies of testimonials, should be sent to the undersigned.

HENRY M. STANLEY, House Governor and Secretary.

# Victoria Hospital, Accrington.

HOUSE SURGEON (A).

Applications are invited from registered Medical Practitioners (Male or Female) for appointment of House Surgeon (A), including R Practitioners within three months of qualifying. If held by an R Practitioner, appointment limited to six months. Salary rate £175 per annum, with full residential emoluments.

Application, stating age, qualifications, and nationality, and accompanied by copies of three recent testimonials, to be sent to undersigned.

J. KENYON, Financial Secretary.

# Montagu Hospital, Mexborough.

(120 Beds and Cots.)

Applications are invited from registered medical practitioners for the appointment of RESIDENT SURGICAL OFFICER, (B2), to become vacant on 1st March. Applicants should have held house appointments and had surgical experience. Preference will be given to candidates holding diploma of F.R.C.S. Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply. Salary is at the rate of £400 per annum. The post offers a large scope of major operative work.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than 12th February, 1941.

A. LAYCOCK, Secretary-Superintendent.

# Administrative County of Essex.

ESSEX COUNTY HOSPITAL, BROOMFIELD.

APPOINTMENT OF ADDITIONAL MEDICAL OFFICERS (B1 AND B2).

The County Council of the Administrative County of Essex invite applications for two vacant appointments at the Essex County Hospital, Broomfield, for the treatment of pulmonary and surgical tuberculosis in men, from registered medical practitioners.

Applicants for the first appointment, viz., that of THIRD ASSISTANT MEDICAL OFFICER, should have held house appointments and have had experience in the treatment of tuberculosis, particularly surgical tuberculosis in hospital or sanatorium. Suitably qualified practitioners, including those R practitioners holding B2 or B1 appointments, are invited to apply. Salary £350, rising, subject to satisfactory service, by annual increments of £25 to £425 per annum, together with the usual indoor emoluments, valued at £160 per annum.

Applicants for the second appointment, viz., that of JUNIOR RESIDENT MEDICAL OFFICER, should include applications from R practitioners who now hold A posts. The appointment would normally be for a period of one year, but if the successful applicant is an R practitioner the appointment will be limited to six months. Salary £250 per annum, together with the usual indoor emoluments, valued at £160 per annum.

The successful applicants will be required to pass a medical examination, and in the case of the former appointment to contribute to the appropriate Superannuation Fund. Both appointments will be subject to the Council's Sick Pay Rules and Regulations, a copy of which will be forwarded upon application. Applications on the prescribed forms, obtainable from the undersigned, should be addressed to me in an envelope marked "Appointment of Medical Officers" and delivered at the County Hall, Chelmsford, not later than 10 A.M. on Thursday, the 6th day of February, 1941.

CHRISTIAN BERRIDGE, Deputy Clerk of the County Council.

County Hall, Chelmsford, 15th January, 1941.

# Coventry and Warwickshire Hospital.

Applications are invited from registered medical practitioners, Male and Female (including R practitioners within three months of qualification), for the post of CASUALTY OFFICER (A), combining also duties as House Surgeon to the Fracture and Orthopædic Department, to become vacant on February 1st next. If held by an R practitioner, appointment will be for a period of six months. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

S. CECIL HILL, House Governor and Secretary.

# County Borough of Brighton.

ASSISTANT MEDICAL OFFICER (CIVIL DEFENCE).

Applications are invited for the above appointment from registered medical practitioners (Male), at a salary of £500 per annum, plus motor-car allowance of £50 per annum, unless and until the Corporation shall make available a car for the use of the Officer appointed.

The duties will be concerned with the organisation (subject to the control of the Medical Officer of Health) of the Casualty Services and will include the advanced training of A.R.P. personnel, practices, and such other duties for Civil Defence as may be required.

The appointment will be in the first instance for one year (subject to satisfactory service) and thereafter subject to one month's notice on either side.

Applications must be made on the official form which may be obtained (on receipt of a stamped addressed envelope) from the undersigned, and should be returned (endorsed "Assistant Medical Officer") not later than 12 NOON on Monday, 17th February, 1941.

Canvassing, either directly or indirectly, will be a disqualification.

J. G. DREW, Town Clerk.

Town Hall, Brighton, 1, 18th January, 1941.

# The University of Sheffield.

DEPARTMENT OF ANATOMY.

The Council of the University invites applications for the post of DEMONSTRATOR IN ANATOMY, at a salary of £300 per annum, duties to commence on April 1st, 1941.

Applications, accompanied by not more than three testimonials, should reach the undersigned (from whom full particulars of the post may be obtained) not later than March 1st.

W. M. GIBBONS, Registrar.

# Kettering and District General HOSPITAL.

APPOINTMENT OF A HOUSE PHYSICIAN (A).

Applications are invited from registered Medical Practitioners, Male and Female, for the appointment of a House Physician (A), to become vacant on 1st February, 1941. R Practitioners within three months of qualification may apply, when appointment will be limited to six months. Salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

G. W. JACKSON, Secretary-Superintendent.

## The Guest Hospital, Dudley.

(The Resident Staff consists of a Resident Surgical Officer and Three House Surgeons.)

Applications are invited from registered medical practitioners, Male, for the appointment of CASUALTY HOUSE SURGEON (A) now vacant, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Salary at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

H. RAYMOND HURST, House Governor and Secretary.

18th January, 1941.

## The Guest Hospital, Dudley.

(The Resident Staff consists of a Resident Surgical Officer and Three House Surgeons.)

Applications are invited from registered medical practitioners, Male, for the appointment of a HOUSE SURGEON (A) now vacant, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Salary at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned forthwith.

H. RAYMOND HURST, House Governor and Secretary.

18th January, 1941.

## Doncaster Royal Infirmary.

(Total 385 Beds.)

(Recognised under the Regulations for the D.O.)

Applications are invited from registered medical practitioners, including R practitioners within three months of qualification, for an EYE HOUSE SURGEON (Male) (A) immediately.

The appointment is for six months.

Salary at the rate of £175 per annum, with residence, board, and laundry.

This large industrial area offers excellent opportunities for gaining experience.

Applications, accompanied by not more than three testimonials, to be sent to the undersigned immediately.

R. LANCASTER, Secretary-Superintendent.

## Municipal General Hospital, Burnley.

(250 Beds.)

APPOINTMENT OF JUNIOR RESIDENT MEDICAL OFFICER (A).

Applications are invited from registered medical practitioners, preferably Male, for the above appointment (A), including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Otherwise it will be for a period of twelve months. Salary is at the rate of £150 per annum for the first six months and £200 per annum for the second six months, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of recent testimonials, should be sent to the MEDICAL OFFICER OF HEALTH, 27, St. James's-street, Burnley, as soon as possible.

## City of Leicester.

CITY GENERAL HOSPITAL.

APPOINTMENT OF A RESIDENT MEDICAL OFFICER (B2).

Applications are invited from registered medical practitioners for the appointment of a Resident Medical Officer for mainly medical duties, including R practitioners who now hold A posts, within three months of qualification. If held by an R practitioner, appointment will be limited to six months. Otherwise it will be for a period of six months and renewable for a further six months. Salary is at the rate of £300 per annum, with full residential emoluments.

Preference will be given to those with, or reading for, higher qualifications.

Applications (on forms supplied), accompanied by copies of three recent testimonials, must be received not later than Friday, 7th February, endorsed "R.M.O.," addressed to the undersigned.

E. K. MACDONALD, Medical Officer of Health.

Health Department, Grey Friars, Leicester,
January, 1941.

## Rochdale Infirmary and Dispensary,

LANCS. (110 Beds.)

APPOINTMENT OF SECOND HOUSE SURGEON.

The Board of Management invites applications for the appointment of Second House Surgeon (A appointment), including R practitioners within three months of qualification. If held by R practitioner, appointment will be for a period of six months.

Salary attached to the appointment is at the rate of £150 per annum, including board, residence, and laundry.

Applications, stating age, nationality, &c., together with copies of three recent testimonials, to be sent to the Secretary, Rochdale Infirmary.

The successful candidate must be a member of a medical defence society.

W. WYNNE, Secretary.

Infirmary Office, Rochdale.

## Urban Districts of Newton-le-Willows

AND GOLBORNE.

WHOLE-TIME MEDICAL OFFICER.

Applications are invited from qualified persons for the position of Medical Officer to each of the above-named Urban Districts under a joint appointment by the respective Councils; each Council is the Maternity and Child Welfare Authority for its district, and the duties will extend to responsibility for the Clinical duties in this branch of each Council's service and to the Medical Superintendency of the Infectious Diseases Hospital of the Newton-le-Willows U.D.C. (serving two other areas).

The person to be appointed must be a duly qualified medical practitioner, and must in addition be registered as a holder of a Diploma in Sanitary Science, Public Health, or State Medicine. He must not engage in private practice, and is to devote his whole time to the two offices.

The appointment will be subject to the provisions of Section 110 of the Local Government Act, 1933, and the Sanitary Officers (Outside London) Regulations, 1935; also to the provisions of the Local Government and Other Officers' Superannuation Act, 1937, for the purposes of which the person selected for appointment will be subject to a medical examination.

The salary for the joint appointment will be £850 per annum, rising by two annual increments of £50 to a maximum of £950 per annum, together with a war bonus amounting to £24 per annum at the present time. A travelling allowance of £50 per annum will also be paid, and in each District office accommodation and clerical assistance will be provided.

Applications (endorsed "Medical Officer"), stating age, present position, past appointments, qualifications, and experience, accompanied by copies of not more than three recent testimonials, should be addressed to M. W. Coupe at the Town Hall, Market-street, Newton-le-Willows, Lancashire, so as to be received not later than NOON on Monday, the 17th February, 1941.

Canvassing will be a disqualification, and applications should be accompanied by a statement as to whether the applicant is related to any member or senior officer of either of the Councils.

M. W. COUPE,
Clerk of the Newton-le-Willows U.D.C.
H. ECKERSLEY,
Clerk of the Golborne U.D.C.

Town Hall, Market-street, Newton-le-Willows, Lancashire,
16th January, 1941.

## Hospital of St. Cross, Rugby.

(150 average occupied Beds.)

APPOINTMENT OF RESIDENT MEDICAL OFFICERS (A).

Applications are invited from registered medical practitioners (Male) for the appointment of a Resident Medical Officer (A), now vacant; also Resident Medical Officer to commence duty February 1st, 1941, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months, otherwise it will be for a period of six months, at the end of which time applicants will be eligible for reappointment for a further six months. Salary at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

HARVEY RACE, F.C.I.S., F.H.O.A.,
Superintendent and Secretary.

## The Staffordshire General Infirmary,

STAFFORD.

Applications are invited from registered medical practitioners, Male and Female, for the appointment of HOUSE SURGEON (A), to commence duties immediately, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Salary £175 per annum, with board-residence.

Applications, stating age, qualifications, and experience, accompanied by copies of three recent testimonials, should be sent to me forthwith.

A. E. COLLINS, Secretary.

Stafford, 3rd January, 1941.

AMENDED ADVERTISEMENT.

## Addenbrooke's Hospital, Cambridge.

APPOINTMENT OF RESIDENT SURGICAL OFFICER (B1).

Applications are invited from registered medical practitioners for the appointment of Resident Surgical Officer to become vacant on February 17th, 1941. Applicants should have held house appointments and had surgical experience. Preference will be given to candidates holding Diploma of F.R.C.S. Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply. Salary is at the rate of £350 per annum.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than February 7th, 1941.

J. A. BEARDSALL, Secretary-Superintendent.

## County Mental Hospital, Whittingham,

near PRESTON.

Wanted immediately, ASSISTANT MEDICAL OFFICER (LOCUM TENENS) (B1). Eight guineas per week, with board, lodging, and laundry.

Apply immediately, giving full particulars of age, nationality, experience, &c., to the MEDICAL SUPERINTENDENT, County Mental Hospital, Whittingham, near Preston, Lancs.

## East Suffolk and Ipswich Hospital.

(380 Beds—8 Residents.)

Applications are invited from registered medical practitioners (Male or Female) for the following appointments, vacant on the dates stated :—

HOUSE SURGEON to the FRACTURE AND ORTHOPÆDIC DEPARTMENT (B2)—6th February.

HOUSE PHYSICIAN (B2)—1st April.

The above are open to R practitioners who now hold A posts.

HOUSE SURGEON to one of the Senior Surgeons and an Assistant Surgeon (A)—1st April.

HOUSE SURGEON to Gynæcologist (A)—1st April.

CASUALTY OFFICER (A)—1st April.

HOUSE SURGEON (A) to the EAR, NOSE AND THROAT AND EYE DEPARTMENTS—now vacant.

The above are open to R practitioners within three months of qualification.

Appointments for all posts will be for six months. Salary at the rate of £144 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, to be sent to the undersigned immediately.

ARTHUR GRIFFITHS, Secretary.

The Hospital, Ipswich, 18th January, 1941.

## North Riding Infirmary, Middlesbrough.

(General Hospital—143 Beds—Three Residents.)

Applications are invited from registered medical practitioners, including R practitioners within three months of qualification, for the appointment of CASUALTY HOUSE SURGEON (A) to become vacant on February 1st next. Salary £150 per annum, with board, residence, and laundry. Appointment will be for six months.

Applications, stating age, qualifications, and accompanied by copies of recent testimonials, should be sent to the undersigned forthwith.

GERALD A. KENYON, Secretary-Superintendent.

## Royal Hampshire County Hospital,

WINCHESTER.

(417 Beds, increasing to 457.)

Applications are invited from registered medical practitioners, including R practitioners within three months of qualification, for the appointment of HOUSE SURGEON (A). The appointment will be for a period of six months. Salary is at the rate of £175 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

H. EWART MITCHELL, Superintendent and Secretary.

## The Southampton Children's Hospital,

AND DISPENSARY FOR WOMEN.

APPOINTMENT OF A RESIDENT MEDICAL OFFICER (A).

Applications are invited from registered medical practitioners, Female, for the appointment of a Resident Medical Officer (A), to become vacant on February 28th.

Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

ELLA K. MATTHEWS, Secretary.

## Southend-on-Sea General Hospital.

Applications are invited for the following appointment :—

HOUSE SURGEON (B2), Male,

including R practitioners holding A posts.

The appointment is for six months. Salary at the rate of £150 per annum, with board, lodging, &c.

Applications, giving names of three referees or copies of testimonials, to be sent to the undersigned as soon as possible.

P. H. CONSTABLE, House Governor and Secretary.

## Exeter City Hospital M.S.

APPOINTMENT OF HOUSE SURGEON (A).

Applications are invited from registered medical practitioners (Male) for the appointment of House Surgeon (A) to become vacant on 1st February, 1941, including R practitioners within three months of qualification. The appointment will be limited to six months. Salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned forthwith.

G. B. PAGE, Medical Officer of Health.

5, Southernhay West, Exeter, 16th December, 1940.

## Lincoln County Hospital.

Applications are invited from registered Medical Practitioners, Male, unmarried, including R Practitioners within three months of qualification, for the appointment of JUNIOR HOUSE SURGEON (A). The appointment is for six months. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, nationality, medical school and qualifications with dates, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

ARTHUR MOORE, Secretary-Superintendent.

Lincoln, 25th January, 1941.

## Norfolk and Norwich Hospital,

NORWICH. (448 Beds.)

Applications are invited from registered medical practitioners (Male) for the appointment of CASUALTY OFFICER (A post) with charge of beds in the Septic Block. This post is open to R practitioners within three months of qualification, and if held by an R practitioner the appointment would be for a period of six months.

Salary at the rate of £120 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

FRANK INCH, House Governor and Secretary.

10th January, 1941.

## Hull Royal Infirmary.

Applications are invited from registered medical practitioners (Male), including R practitioners within three months of qualification, for the post of CASUALTY OFFICER (A), vacant January. If held by an R practitioner the appointment will be for a period of six months. Salary at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications, dates, and nationality, and accompanied by copies of recent testimonials, should be sent to the undersigned.

R. J. CARLESS, House Governor.

## Royal Halifax Infirmary.

Applications are invited from registered medical practitioners (Male), including R practitioners within three months of qualification, for CASUALTY OFFICER (A). Salary £150 per annum, with full residential emoluments.

If held by an R practitioner the appointment will be for a period of six months.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

A. MIDGLEY, Secretary.

2nd January, 1941.

## Royal Sheffield Infirmary and

HOSPITAL.

THE ROYAL INFIRMARY, SHEFFIELD, 6.

Applications are invited from registered medical practitioners, Male and Female, for the following appointments :—

HOUSE SURGEON (A),

ASSISTANT CASUALTY OFFICER (A),

now vacant, including R practitioners within three months of qualification. The appointments will be tenable for six months. Salary is at the rate of £80 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned forthwith.

H. KINGSLEY PEARCE,

General Superintendent and Secretary.

11th January, 1941.

## Chesterfield and North Derbyshire

ROYAL HOSPITAL.

(Total 380 Beds.)

APPOINTMENT OF A RESIDENT HOUSE PHYSICIAN (A).

Applications are invited from registered Male medical practitioners for the appointment of a Resident House Physician (A), vacant now. R practitioners within three months of qualification may apply, when appointment will be limited to six months.

Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

M. H. BOONE, House Governor and Secretary.

8th January, 1941.

## Perth Royal Infirmary.

Wanted, JUNIOR HOUSE SURGEON for A post, to commence 15th February, 1941. R practitioners within three months of qualification, when appointment will be limited to six months. Salary £125 per annum for first six months.

Apply, with full particulars, to ADMINISTRATIVE MEDICAL OFFICER, Infirmary, Perth.

## King George's Sanatorium for Sailors,

LIPHOOK, HANTS.

(Seamen's Hospital Society) For the treatment of Male Cases of Pulmonary and Non-Pulmonary Tuberculosis.

Applications are invited from registered medical practitioners for the appointment of ASSISTANT MEDICAL OFFICER (B2), to become vacant on 1st March, including R practitioners who now hold A posts. If held by an R practitioner, the appointment will be limited to six months. Salary £250 per annum, with full residential emoluments valued at £120 per annum.

Applications, stating age, qualifications, and experience, with copies of recent testimonials, to be sent immediately to the undersigned.

F. A. LYON, Secretary.

Seamen's Hospital Society, Greenwich, S.E.10.

## Salisbury General Infirmary.

(Voluntary Hospital. 225 Beds.)

APPOINTMENT OF HOUSE SURGEON (A).

Applications are invited from registered medical practitioners (Male), including R practitioners within three months of qualification, for the post of House Surgeon (A), to become vacant on February 18th, 1941. If held by an R practitioner, appointment will be limited to six months. Salary is at the rate of £125 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

JOHN WILLIAMS, Secretary-Superintendent.

## Exminster Hospital, Exminster,

Near EXETER, DEVON.

Applications are invited for the appointment of a HOUSE SURGEON (A) (Male) under the Hospital Scheme, including R practitioners within three months of qualification, when the appointment will be for a period of six months. Salary £200 per year, all found.

Apply immediately to the MEDICAL SUPERINTENDENT, the Hospital, Exminster, Near Exeter, enclosing three copies of recent testimonials.

## Manchester and Salford Hospital for

SKIN DISEASES.

(54 Beds.—15,000 Out-patients per annum.)

HOUSE SURGEON (A).

Applications are invited, including R practitioners within three months of qualification, for the post of House Surgeon (A). Must be registered. The appointment is for six months. Salary at the rate of £150 per annum, with board and residence.

Applications, with copies of three testimonials, to be sent to the undersigned, Quay-street, Manchester, forthwith.

JOHN NALL, Secretary.

## Ancoats Hospital, Manchester, 4.

APPOINTMENT OF RESIDENT CASUALTY OFFICER (B1).

Applications are invited from registered medical practitioners for the above appointment; suitably qualified R practitioners holding B2 or B1 posts may apply. Applicants holding the Primary Fellowship Diploma of the Royal College of Surgeons preferred. The successful applicant will take duty for the Resident Surgical Officer at alternate week-ends and on his off-duty evenings. Salary at the rate of £150 per annum, plus a cost-of-living bonus of 10 per cent., with board, apartments, &c.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, accompanied by copies of three recent testimonials, to be forwarded to the undersigned not later than 12th February next.

HERBERT J. DAFFORNE,
General Superintendent and Secretary.

## County Borough of Wolverhampton.

ASSISTANT MEDICAL OFFICER OF HEALTH.

The Corporation invite applications for the post of Assistant Medical Officer of Health (Male). The salary will be £650 per annum, rising by annual increments of £25 to a maximum of £750 per annum, to be subject to percentage deductions in accordance with the provisions of the Local Government and Other Officers' Superannuation Act, 1922, together with a car allowance of £25. The successful candidate will be required to pass a medical examination and to devote the whole of his time to the duties of the office.

The appointment will be terminable by two months' notice on either side.

Applicants must hold a registrable degree or diploma in Public Health and have had at least three years' experience since qualification. Preference will be given to candidates who have held a resident post in an Infectious Diseases Hospital and have had special experience in Maternity and Child Welfare work and Civil Defence Casualty Organisation

Applications, endorsed "Assistant Medical Officer," giving age, degrees, and qualifications, and particulars of previous post-graduate experience, accompanied by copies of three recent testimonials, must be received by me not later than 8th February, 1941.

J. BROCK ALLON, Town Clerk.

Town Hall, Wolverhampton, January, 1941.

## City and County of Bristol.

DEPARTMENT OF PUBLIC HEALTH.

HAM GREEN HOSPITAL AND SANATORIUM.

APPOINTMENT OF ASSISTANT RESIDENT MEDICAL OFFICER (B1).

Applications are invited from registered medical practitioners for the appointment of an Assistant Resident Medical Officer. Applicants should have held house appointments. Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply. Salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent to the undersigned forthwith.

R. H. PARRY, Medical Officer of Health.

Department of Public Health, 40, Prince-street, Bristol, 1,
22nd January, 1941.

## County Borough of Middlesbrough.

HEALTH DEPARTMENT.

Applications are invited for the position of SENIOR ASSISTANT RESIDENT MEDICAL OFFICER (B1) (unmarried) at the HOLGATE MUNICIPAL HOSPITAL, Ayresome Green-lane, Middlesbrough, the salary to be at the rate of £500 per annum, plus board, residence, and laundry. Suitably qualified R practitioners now holding B2 or B1 posts may apply.

Applicants must be duly qualified medical practitioners with practical experience of the treatment of Venereal Diseases.

The appointment will be subject to the approval of the Ministry of Health and the successful candidate will act under the general supervision of the Medical Superintendent and will be required to undertake such duties of a medical or surgical nature in the public health services of the County Borough as may be assigned to him by the Medical Officer of Health.

The appointment is terminable by three months' notice in writing on either side. The appointment is also subject to the provisions of the Local Government Superannuation Act, 1937, and the successful candidate will be required to undergo a satisfactory medical examination and conform to the Corporation's Regulations in force for the time being.

Applications, endorsed "Senior Resident Medical Officer," stating age, nationality, qualifications, present appointment, previous experience, and accompanied by three recent testimonials, to be sent to the Medical Officer of Health, Municipal Buildings, Middlesbrough, not later than Saturday, February 15th, 1941.

PRESTON KITCHEN, Town Clerk.

Municipal Buildings, Middlesbrough, January 21st, 1941.

## City of Liverpool.

CLEAVER SANATORIUM FOR ADULTS,
HESWALL, CHESHIRE.

APPOINTMENT OF RESIDENT ASSISTANT MEDICAL OFFICER (B2).

Applications are invited from registered medical practitioners (Male and Female), including R practitioners who now hold A posts, for the appointment of Resident Assistant Medical Officer (B2) at Cleaver Sanatorium for Adults, Heswall, Cheshire.

If held by an R practitioner the appointment will be limited to six months, otherwise it will be for a period of twelve months. The salary is at the rate of £250 per annum, with full residential allowances. All fees received in connexion with the appointment to be handed over to the City Council. The appointment will be made in accordance with the Standing Orders of the City Council and will be determinable by one month's notice on either side.

Applications, upon forms obtainable from the Medical Officer of Health, Hospitals Department, Gordon House, Belmont-grove, Liverpool, 6, to be endorsed "Resident Medical Officer" and returned to the undersigned so as to be received not later than 10 A.M. on Monday, 10th February, 1941.

W. H. BAINES, Town Clerk.

Municipal Buildings, Dale-street, Liverpool, 2,
January, 1941.

## County Borough of Bury.

CIVIL DEFENCE SERVICES IN THE PUBLIC HEALTH DEPARTMENT.

Applications are invited from fully qualified registered medical men for the full-time appointment of an ASSISTANT MEDICAL OFFICER OF HEALTH (Part-time) in connexion with the Council's Scheme for Air-raid Precautions and with the work in the Public Health Department, at a salary of £550 per annum.

The officer appointed will assist the Medical Officer of Health in the control and administration of the Civil Defence Medical Services and in work at the Public Health Clinic.

The appointment will be for the period of the war subject to satisfactory service, but may be terminated by three months' notice given by either party.

There is no form of application, but applicants must state fully their experience in control and administrative work and in general medicine.

Applications should be forwarded, together with copies of three recent testimonials, to the undersigned, not later than Saturday, the 15th February, 1941.

RICHARD MOORE, Town Clerk.

Municipal Offices, Bank-street, Bury,
31st January, 1941.

## County Council of Durham.

OAKLANDS HOSPITAL, BISHOP AUCKLAND.

APPOINTMENT OF TEMPORARY JUNIOR MEDICAL OFFICER (FEMALE).

Applications are invited for the post of Temporary Junior Medical Officer (B) (Female) for the above-named institution. The salary is at the rate of £200 per annum, plus full residential emoluments valued at £100 per annum.

Experience in the treatment of children's diseases is desirable.

The appointment is for a period not exceeding twelve months.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of not more than three recent testimonials, should be sent to the undersigned not later than Saturday, 1st February, 1941.

IAN MCCRACKEN, County Medical Officer of Health.

Health Department, Shire Hall, Durham,
20th January, 1941.

## Derbyshire County Council.

DERBYSHIRE SANATORIUM, Near CHESTERFIELD.

TEMPORARY JUNIOR RESIDENT ASSISTANT MEDICAL OFFICER (B1).

Applications are invited from registered medical practitioners for the appointment of a Temporary Junior Resident Assistant Medical Officer at the Derbyshire County Sanatorium. Applicants should have held house appointments and previous experience of tuberculosis will be preferred. Experience of artificial pneumothorax work will be considered an additional qualification.

Candidates must be single. Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply.

Salary at the rate of £350 per annum, rising by annual increments of £25 to £450 per annum, together with board, lodging, &c.

The successful candidate will devote the whole of his time to the duties of the office.

The appointment will be subject to the provisions of the Local Government Superannuation Act, 1937, and the person appointed will be required to pass a medical examination.

Application forms may be obtained from the undersigned, to whom they must be returned, together with copies of not more than three recent testimonials, on or before February 15th, 1941.

The appointment will be terminated by one month's notice on either side.

W. M. ASH, County Medical Officer.

New County Offices, Derby, January 27th, 1941.

## Bristol Eye Hospital.

Applications are invited from registered medical practitioners for the appointment of JUNIOR RESIDENT OPHTHALMIC HOUSE SURGEON (B2), vacant immediately, including R practitioners who now hold A posts. If held by an R practitioner the appointment will be limited to six months. Otherwise the senior post will be available for a further period of six months. The salary of Junior House Surgeon is at the rate of £100 per annum and that of the Senior post at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, accompanied by three recent testimonials, should be sent to the undersigned as soon as possible.

D. M. BABER, Secretary and House Governor.

## Grosvenor Sanatorium, Ashford, Kent.

APPOINTMENT OF A THIRD ASSISTANT MEDICAL OFFICER (A).

Applications are invited from registered medical practitioners, Male and Female, including R practitioners within three months of qualification, for the appointment of a Third Assistant Medical Officer (A), to become vacant on February 14th, 1941. If held by an R practitioner the appointment will be for a period of six months. Salary is at the rate of £200, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than February 7th, 1941.

B. ROBERTS, Medical Superintendent.

Grosvenor Sanatorium, Ashford, Kent.

## The Welsh National School of Medicine.

(UNIVERSITY OF WALES.)

JUNIOR ASSISTANT IN THE MEDICAL UNIT.

A Junior Assistant is required in the Medical Unit of The Welsh National School of Medicine, Cardiff.

The appointment is temporary, for a period not exceeding two years, at a salary at the rate of £300 per annum.

Further particulars may be obtained from the undersigned, by whom applications, accompanied by copies of testimonials, must be received by Saturday, February 15th, 1941.

S. C. EDWARDS, Secretary.

The Welsh National School of Medicine, The Parade, Cardiff.

## Warrington Infirmary and Dispensary.

CLINICAL ASSISTANT TO THE EYE DEPARTMENT.

Applications are invited for the above post.

Attendances required each day at the Hospital for a short period and also at one Out-patient Clinic.

Salary £150, plus £50 travelling expenses per annum.

Applications, stating age, and experience in eye work, should be sent in immediately to the undersigned.

HENRY L. BOOT, Superintendent and Secretary.

## The Bolton Royal Infirmary.

(327 Beds, including Two Auxiliary Hospitals.)

Applications are invited from registered medical practitioners for appointment as HOUSE SURGEON (A), including R practitioners within three months of qualification. Salary £150 per annum, with board, residence, and laundry. If held by an R practitioner, appointment will be for a period of six months.

Applications, stating age, nationality, and experience, together with copies of testimonials, to be forwarded to the undersigned immediately.

H. AUBREY FROGGATT, Superintendent-Secretary.

## City of Birmingham.

MATERNITY AND CHILD WELFARE DEPARTMENT.

CANWELL HALL BABIES' HOSPITAL.
(84 Beds.)

A WOMAN RESIDENT MEDICAL OFFICER is required for a period of six months, duties to commence not later than March 1st, 1941.

Salary £250 per annum, with board and laundry.

Applications, endorsed "Resident Medical Officer" and accompanied by copies of three recent testimonials, to be made on a form obtainable from the Medical Officer of Health, Council House, Birmingham, 3, and returned to him on or before Friday, February 14th.

## Swansea General and Eye Hospital.

Applications are invited for the following appointments from registered medical practitioners (Male, single), including R practitioners within three months of qualification.

HOUSE SURGEON (A) to become vacant on the 14th February.

HOUSE PHYSICIAN (A) to become vacant on the 1st March.

Appointment for six months. Salary is at the rate of £150 per annum with full residential emoluments. Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be forwarded to the undersigned.

O. C. HOWELLS, Secretary-Superintendent.

## Swansea General and Eye Hospital.

Applications are invited from registered medical practitioners (Male, single) for the post of RESIDENT ANÆSTHETIST (B2), including R practitioners who now hold A posts. If held by an R practitioner, the appointment will be limited to six months, otherwise it will be for a period of twelve months. The salary is at the rate of £150 per annum for the first six months and £200 per annum for the second six months, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be forwarded to the undersigned.

O. C. HOWELLS, Secretary-Superintendent.

28th January, 1941.

## City of Nottingham.

OBSTETRICAL HOUSE SURGEON.

The Nottingham City Council invite applications from registered Male medical practitioners (B2) for the appointment of Obstetrical House Surgeon at the City Hospital. There are over 100 maternity beds at the hospital. Previous experience, although not essential, is desirable and will be a recommendation for the post. R practitioners who now hold A posts may apply. Salary £250 per annum, plus board and lodging.

Applications should be made forthwith on forms which may be obtained from the undersigned.

J. E. RICHARDS, Town Clerk.

Guildhall, Nottingham, 28th January, 1941

## City of Nottingham.

NOTTINGHAM CITY HOSPITAL. (1180 Beds.)

The Nottingham City Council invite applications from registered Male medical practitioners for the appointment of JUNIOR MEDICAL OFFICER (A) at the City Hospital (Group 1A Hospital), including R practitioners within three months of qualification. If held by an R practitioner, the appointment will be limited to six months. Salary £250 per annum, plus board and lodging.

Applications should be made forthwith on forms which may be obtained from the undersigned.

J. E. RICHARDS, Town Clerk.

Guildhall, Nottingham, 28th January, 1941.

## The Royal Hospital, Sheffield.

APPOINTMENT OF A NON-RESIDENT PHYSIOLOGIST (Male or Female) B2.

Applications are invited (including R practitioners holding A posts, when appointment will be limited to six months) for the above appointment now vacant. Medical qualifications desirable but not essential. Candidates must have had experience in medical laboratory work. Salary is at the rate of £300 per annum.

Applications, stating age, nationality, qualifications with dates, experience and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

W. H. BOOTH, Superintendent.

## Essex County Hospital, Colchester.

Wanted in February ASSISTANT HOUSE SURGEON (A) for six months. R practitioners within three months of qualification may apply.

Salary £120 p.a. with full residential emoluments. Applications should be sent not later than 8th February to the SECRETARY.

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Salary will be on the scale £600–£25–£750 per annum. There is also a senior grade (£750–£25–£900) to which promotions are made as vacancies occur. Salary will commence from the date of assumption of duty in Southern Rhodesia. In addition, private practice is allowed.

The successful applicants will be required to sign an agreement for three years' service in the first instance, and thereafter may make application to be placed on the pensionable establishment.

A free second-class steamship passage to Cape Town and first-class railway ticket thence to Southern Rhodesia will be provided.

Canvassing, either directly or indirectly, will disqualify applicants.

The applicants should state the date on which they would be prepared to leave England if appointed.

Applications, stating age, qualifications and experience, together with copies of testimonials, should be forwarded to the Official Secretary, Office of the High Commissioner for Southern Rhodesia, Rhodesia House, 429, Strand, London, W.C.2 (from whom further particulars and application form may be obtained).

## Bedford County Hospital.

Applications are invited from registered medical practitioners, Male, for the appointment of a HOUSE SURGEON (B2), to become vacant on February 3rd, 1941, including R practitioners who now hold A posts. If held by an R practitioner the appointment will be limited to six months. Salary at the rate of £155 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the SECRETARY, Hon. Medical Staff Committee, as soon as possible.

## York County Hospital.
(222 Beds.)

Applications are invited from registered medical practitioners or the following appointment:—

HOUSE PHYSICIAN (B2), vacant 28th February, 1941; including R practitioners who now hold A posts. If held by an R practitioner, appointment will be limited to six months. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

J. R. MACKRILL, Secretary.

## Summersdale Hospital,
GRAYLINGWELL, CHICHESTER.

APPOINTMENT OF HOUSE SURGEON AND HOUSE PHYSICIAN (A Posts).

Applications are invited from registered medical practitioners for the above posts (A), including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Otherwise it will be for a period of six months in the first instance. Salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the MEDICAL SUPERINTENDENT as soon as possible.

## Worthing Hospital.

Applications are invited from registered medical practitioners, including R practitioners within three months of qualification, for the post of HOUSE SURGEON (A). The appointment is for six months. Salary at the rate of £130 per annum, with board, lodging, and laundry.

Candidates (Male) should forward applications, stating age, nationality, qualifications, and experience, accompanied by testimonials, to the undersigned not later than February 9th, 1941.

A. V. OAKTON, House Governor.

## Worthing Hospital.

Applications are invited from registered medical practitioners for the temporary appointment of a HONORARY GENERAL SURGEON (B2) during war-time.

Candidates should forward applications, stating age, nationality, qualifications, and experience, accompanied by testimonials, to the undersigned no later than February 14th, 1941.

A. V. OAKTON, House Governor.

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## Walsall General Hospital.
(174 Beds.)

Applications are invited from registered medical practitioners (including R practitioners holding A posts) for the appointment of RESIDENT HOUSE PHYSICIAN AND ASSISTANT PATHOLOGIST (B2), to become vacant on 1st March, 1941. The appointment will be for six months. Salary at the rate of £175 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, should be accompanied by copies of three testimonials and sent to the undersigned as soon as possible.

R. C. MILLWARD, House Governor.

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*References:* Lancet, *November 16th, page 621.*
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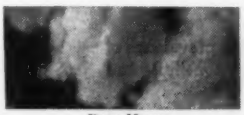

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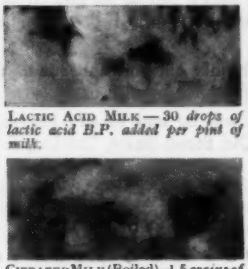

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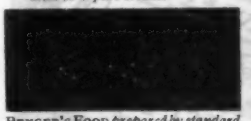

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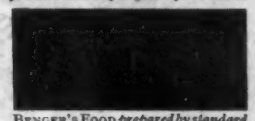

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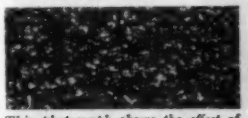

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Gargling and spraying the throat and nose with T.C.P. has been proved by extensive use to be ideal for such prophylaxis.

T.C.P. is perfectly safe in all circumstances and loses none of its high activity in the presence of saliva, mucus or pus. It is non-irritant and non-caustic. In contact with bacteria, T.C.P. exerts its fullest effect—exactly where necessary.

In every sense T.C.P. is a highly efficient antiseptic. Yet it provides a safe and simple gargle or spray for regular use.

A clinical sample of T.C.P. will be sent to any Physician on request to British Alkaloids Ltd., 69, Old Broad Street, London, E.C.2.

## ...FOR EFFICIENT PROPHYLAXIS... T.C.P. Regd.

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Colds need not develop. The timely use of 'Benzedrine' Brand Inhaler at the first sign of a cold will often abort the condition entirely. In the acute stages it affords marked symptomatic relief and also prevents the onset of more serious complications such as sinusitis.

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**To throw off INFLUENZA and allied disorders in their preliminary stages**

# KALMOPYRIN

ANALGETIC ANTIPYRETIC

**Water-soluble Calcium Acetylsalicylate**

—a notable advance in the production of antipyretics, effective in most stubborn cases.

*Issued in tablets each in gr. 8 (and in powder). Trial samples gladly sent on request.*

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**WATER SOLUBLE:** Therefore easily absorbed and can be administered in solution.

**NEUTRAL SALT** (non-acid): therefore no disagreeable by-effects even on sensitive stomachs.

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# ANTI-MENORRHAGIC FACTOR "GLANULES"

AMPLE SUPPLIES ARE NOW AVAILABLE OF THIS NEWLY DEMONSTRATED ACTIVE FRACTION OF MAMMALIAN LIVER.

CLINICAL RESEARCH HAS REVEALED THAT THE OUTSTANDING ACTION OF THIS FRACTION IS THAT OF CHECKING THE FUNCTIONAL UTERINE HÆMORRHAGE OF MENORRHAGIA AND METRORRHAGIA.

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•
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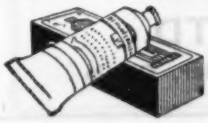
**BENGUÉ BALSAM**



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**NEW PRICE—4/7 per bottle** (inclusive of tax) subject to professional discount

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# Agranulocytosis

Before the advent of 'Pentnucleotide' the prognosis of agranulocytosis was most unfavourable, and a *mortality* rate of 82 per cent was reported. With its use a *recovery* rate of 60 to 75 per cent may be expected.

*The Lancet* (1939, 2:996) refers to a War Office Memorandum, issued to all R.A.M.C. Officers, on the use of the sulphonamides in wound infections. This mentions agranulocytosis as a possible serious reaction; the treatment officially recommended is transfusion and 'Pentnucleotide.'

# 'Pentnucleotide'

Full information on this mixture of the sodium salts of pentose nucleotides for intramuscular use will be sent to any interested physician on request.

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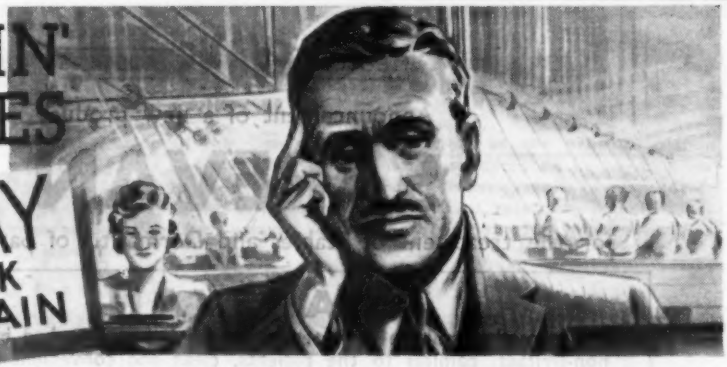

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In many cases diagnosis has shown that a lack of vitamins, particularly A and $B_1$, was a contributory factor.

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| Vitamin A | 6,000 International units | Vitamin C | 100 International units |
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Today, as for years, Ergoapiol (Smith) is the accepted medicament in combating those menstrual anomalies which may be traced to constitutional disturbances; atonicity of the reproductive organs; inflammatory conditions of the uterus or its appendages; mental emotion or exposure to the elements.

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**with**

TRADE MARK **'MERTHIOLATE'** BRAND

SODIUM ETHYL MERCURITHIOSALICYLATE

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This Jelly, containing one per cent. Gentian Violet, provides a convenient method for applying the dye to burned areas. Particularly adapted for use in burns about the face and hands, areas where the skin is thin, and in body flexures. The addition of 'Merthiolate,' which is an excellent general germicide with a low toxicity for tissues, enhances the value of the product and further lessens the possibility of infection.

Supplied in one-ounce and five-ounce collapsible tubes.

*References:* Lancet, *November 16th, page 621.* B.M.J. *November 16th, page 679.*

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## A GENERAL APERIENT and CHOLAGOGUE

for the treatment of

CONSTIPATION, FLATULENCE, HEPATITIS, GASTRIC CATARRH, BILIOUSNESS, JAUNDICE.

*Over 35 years' reputation.*

DOSE: 10 to 60 minims, according to the age and condition of the patient. One drachm is a direct aperient and is not accompanied by griping and tenesmus.

*Also supplied "sine Cocaina" if desired.*

one of HEWLETT'S preparations

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VERACOLATE
Brand TABLETS
A TRUE CHOLAGOGUE

"Bile salts are the only certain cholagogues"

vide *Lancet, i/1925, 1207*

In cholecystitis, cholelithiasis and other functional disorders of the liver and gall-bladder, Veracolate serves as a reliable cholagogue in the treatment as well as in the prevention of these conditions.
Veracolate not only supplies combined bile salts, sodium glycocholate and taurocholate, but also provides for the relief of intestinal stasis generally present in gall-bladder disease.

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DILAUDID
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*Improved morphine preparation. Particularly indicated in states of severe pain.*

The action of "Dilaudid" is more rapid, more lasting and more potent than that of morphine. "Dilaudid" is well tolerated also by patients hypersensitive to opiates while peristalsis is but little influenced. In therapeutic dosage "Dilaudid" differs fundamentally from other opiates in that its analgesic action predominates whilst the narcotic secondary effect is only slight.

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*as an aid to the*

## PREVENTION of INFECTION

This winter it is imperative to safeguard the population against disease; the nation cannot afford avoidable sickness and yet there is far more danger of infection than in normal times. As stated in the medical press (*Brit. Med. J.*, Dec. 21st, 1940, p. 875) we are concerned with "the health of whole communities now gravely menaced—a menace the graver because the epidemic months of January and February are upon us." This danger can be reduced considerably by keeping the level of nutrition as high as possible.

Experts stress the special need for the regular inclusion in the diet of vitamin-containing foods, since such foods have definite protective value. Marmite is ordered widely as a source of the vitamin B complex, its particular use in preventive medicine being well appreciated by members of the medical profession.

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Jars: 1-oz. 6d., 2-oz. 10d., 4-oz. 1s. 6d., 8-oz. 2s. 6d., 16-oz. 4s. 6d. Special terms for packs for hospitals and welfare centres.

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**(The synthetic œstrogen)**

*A substantial reduction has been made in the prices of preparations of Stilboestrol B.D.H. which are now as follows:*

**TABLETS FOR ORAL ADMINISTRATION**

| | | Strength per tablet 0·5 mg. | 1 mg. | 5 mg. |
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Available also in tablets of 0·1 mg.

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*The above are net prices to the medical profession*

Stilboestrol D-P (Stilboestrol Dipropionate B.D.H.) and Hexoestrol B.D.H. are also available for clinical use in strengths and packings exactly similar to those of Stilboestrol B.D.H.

*Literature on request*

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## Colloidal Hydroxide of Aluminium

## Improved Antacid Therapy

SODIUM BICARBONATE, bismuth salts and other time-honoured antacids having each proved to possess individual disadvantages, an agent such as "Alocol" which combines the best therapeutic features of these with intrinsic merits of its own, must be of interest to the physician.

"Alocol" is a powerful antacid agent which forms with the stomach contents a colloidal jelly with the power of adsorbing free hydrochloric acid, thus fixing it and eliminating it from the system. It has a remarkably soothing effect on the inflamed or irritated gastric mucosa and is, therefore, rapidly effective in relieving pain. Being non-absorbable "Alocol" is free from any risk of "alkalosis."

"Alocol" can be prescribed with confidence in all cases where alkaline therapy is indicated. Issued in tablet and powder form.

*Complete chemical history of "Alocol," with convincing clinical reports and supply for trial sent free to physicians on request.*

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*Ethanolamine Oleate*

## For the Injection Treatment of Varicose Veins

A stable 5 per cent. solution of Ethanolamine Oleate with 25 per cent. glycerin and 0.3 per cent. tricresol for the injection treatment of varicose veins. Extensive clinical trial has shown that Varistab produces extremely good permanent results. Injections are almost painless and there is no risk of allergic reaction. The usual dosage is up to 5 c.c. at each attendance.

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30 c.c. rubber-capped vial - 4/6

*Discount to the Medical Profession*

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An efficacious cardiac and respiratory stimulant (Nikethamide of the Third Addendum to the B.P. 1932).
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**Welfare and sick-room experience amply demonstrates the fundamental importance of regularity of bowel evacuation particularly for children during their growth and development. In this connection the choice of a laxative is obviously of first importance.**

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**'California Syrup of Figs' offers marked advantages over the harsher mineral and synthetic drugs. Skilfully prepared from selected figs and sennas, it effects thorough evacuation without griping or discomfort. Moreover it has no exhausting effect on the alimentary system and is completely safe and dependable in action.**

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**'California Syrup of Figs' may confidently be recommended as the routine laxative for children of all ages. Being pleasantly flavoured it is accepted readily by the most fastidious patient.**

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## In the treatment of Muscular Dystrophy

For a number of years past it has been known that deficiency of Vitamin E gives rise, in animals, to degenerative changes in muscle tissue and in nerve tissue. Subsequently, evidence has accumulated confirming that the vitamin is of marked value in the treatment of certain muscular and nervous disorders in humans.

If administered in the earliest stages of disease, Phytoferol may effect marked improvement, although, as shown by a recent report, Phytoferol may be of considerable value even in cases of long duration. A patient with a history of muscular dystrophy for twenty years was treated with glycine 15 grm. daily for fifteen months. No change was noted, but, after taking three Phytoferol Capsules daily for six months, the patient was able to resume work and to become an instructor in the Home Guard. Muscular wasting, although not diminished, was arrested, and the general condition and mental outlook of the patient were greatly improved.

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*(3,000 International Units or more per c.c.)*
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10 c.c. rubber-capped bottles of 30,000 International Units.

*Prices and literature sent on application to Home Medical Dept., Hanover Street, Liverpool*

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# The Pharmacological Chlorophyll Preparation,

compounded according to the formula
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BRAND OF CHLOROPHYLL TABLETS

## For the treatment of
## Hardening Arteries, Abnormal Blood Pressure
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## Debility, Neurasthenia, Anaemia

*"'Phyllosan' has been before the profession now for fifteen years and has stood the test of time, and the developments indicated point to still greater usefulness for this product in the future."*

Vide THE PRESCRIBER, Jan., 1938

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giving laboratory and clinical reports supporting the new Therapy instituted by Professor Buergi will be sent to medical practitioners on request.

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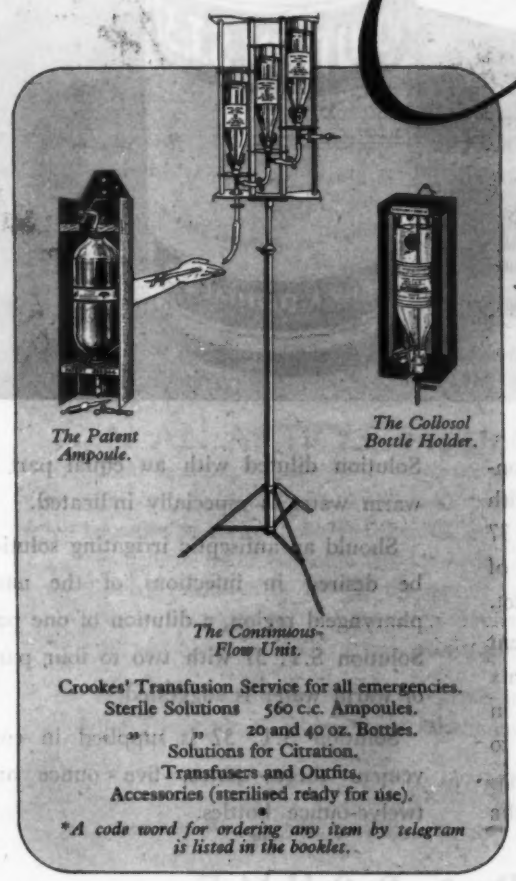


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Solutions for Citration.
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BECAUSE of its non-toxic and non-irritating properties combined with high germicidal activity, Solution S.T. 37 is especially indicated in the treatment of infections of the upper respiratory tract.

This outstanding germicidal agent should be employed in the nasopharynx full strength as a topical application or in dilution as a spray. Where it is desired to apply an antiseptic to the pharynx, larynx and trachea, a spray of the Solution diluted with an equal part of warm water is especially indicated.

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Solution S.T. 37 is supplied in convenient three-ounce, five-ounce and twelve-ounce bottles.

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*The successful treatment of*

# FIBROSITIS AND CERTAIN CASES OF RHEUMATISM

*with*

# NOVUTOX INJECTIONS

**A MASS OF EVIDENCE** has accumulated to show that the treatment of Fibrositis and certain cases of Rheumatism with Novutox injections provides not only complete restoration of function with immediate relief from pain, but also, in the great majority of cases, early and complete cure.

**NOVUTOX,** which is a self-sterilising local anæsthetic, is prepared by a special process, and the preparation contains, in extreme dilution, certain highly complex quinine derivatives. Due to treatment by this process, Novutox solutions have a remarkable chemotherapeutic action and also unique antiseptic properties which, associated with extremely low toxicity, are held to account for the very satisfactory results achieved with the preparation in the treatment of Fibrositis and certain cases of Rheumatism.

**IN AN ARTICLE entitled "Muscular Rheumatism—** Local Injection Treatment as a Means of Rapid Restoration of Function" published in the *British Medical Journal*, 10.8.40, page 183, the author describes the treatment of a number of typical cases of Fibrositis, etc., in different parts of the body, and *in all cases* immediate relief was obtained following injections of Novutox. During an attack of lumbago suffered by himself the author found one injection abolished intense pain and restored function within a matter of minutes. He also gives useful detailed information of the technique employed for the various sites of the body.

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NOVUTOX is available in:

**2 c.c. and 50 c.c. AMPOULES** **2-oz. BOTTLES and CARTRIDGES (standard size)**

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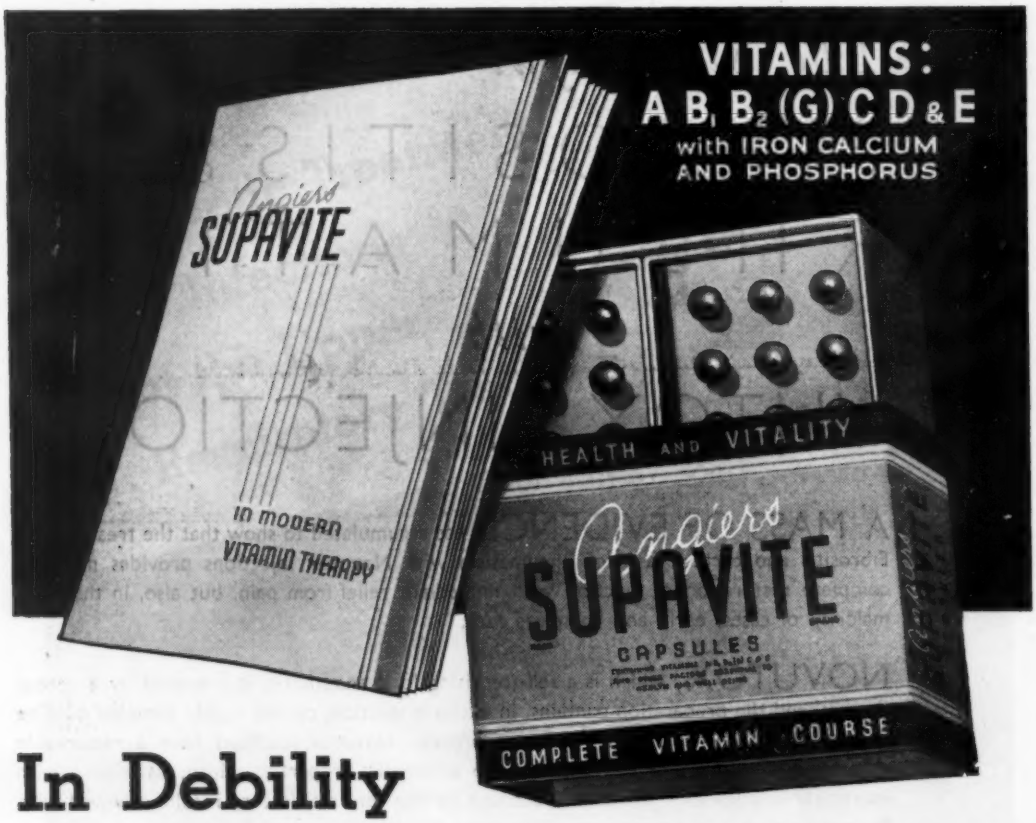


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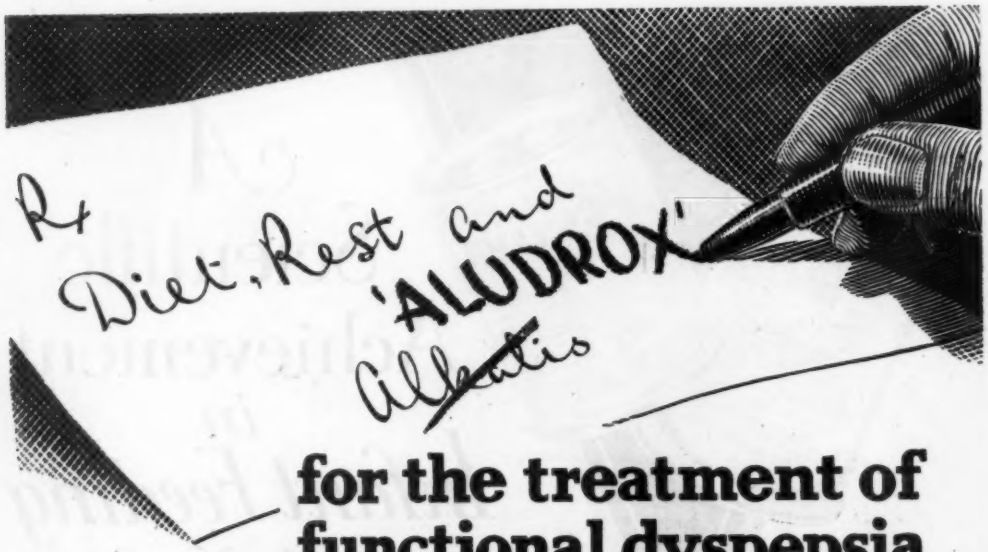


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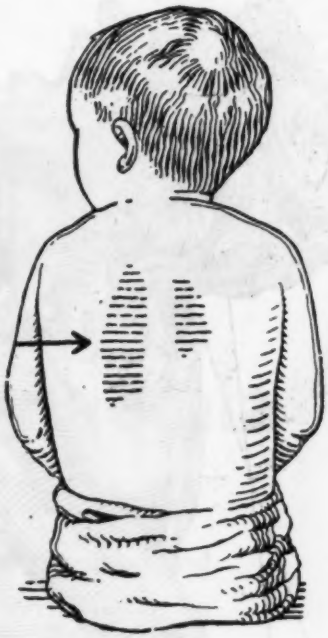

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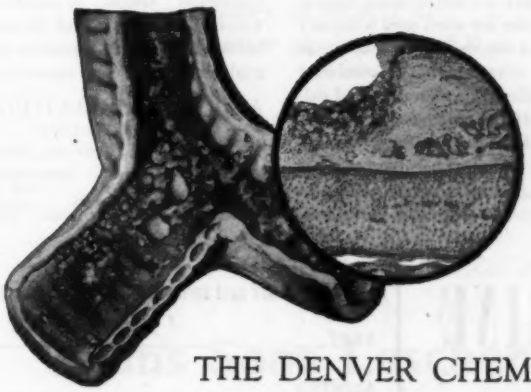

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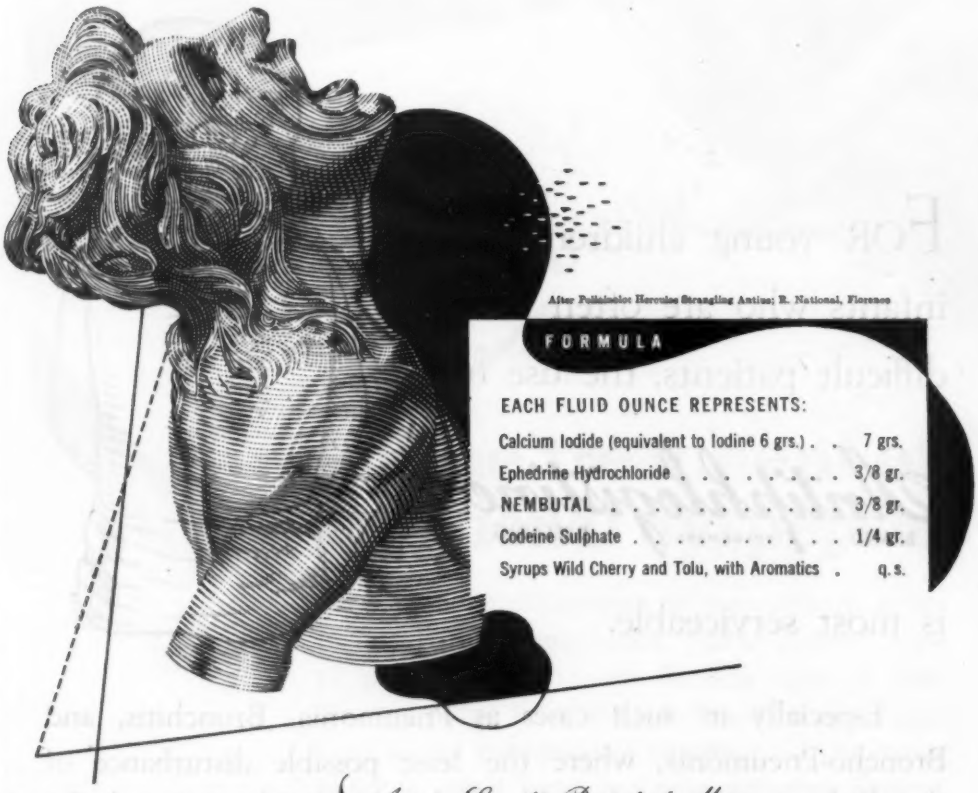


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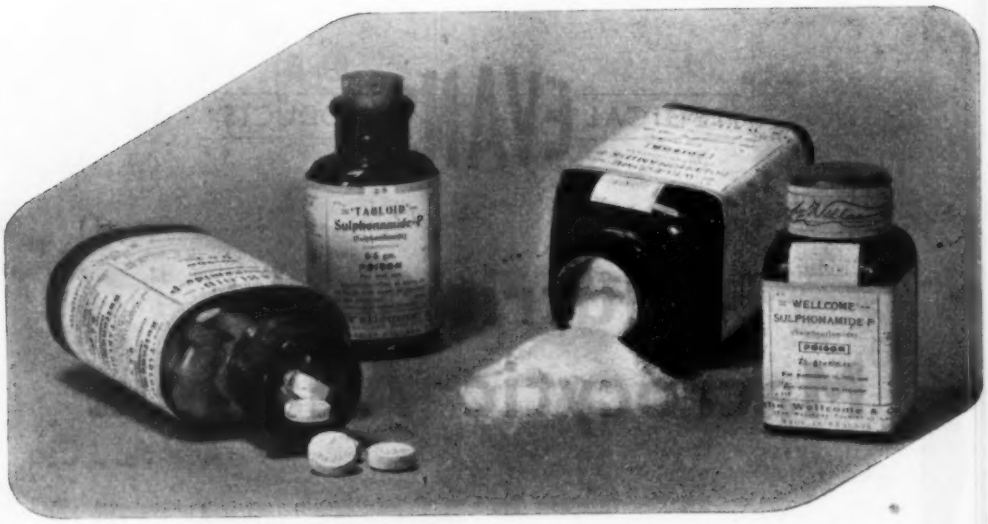


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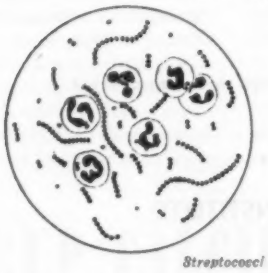

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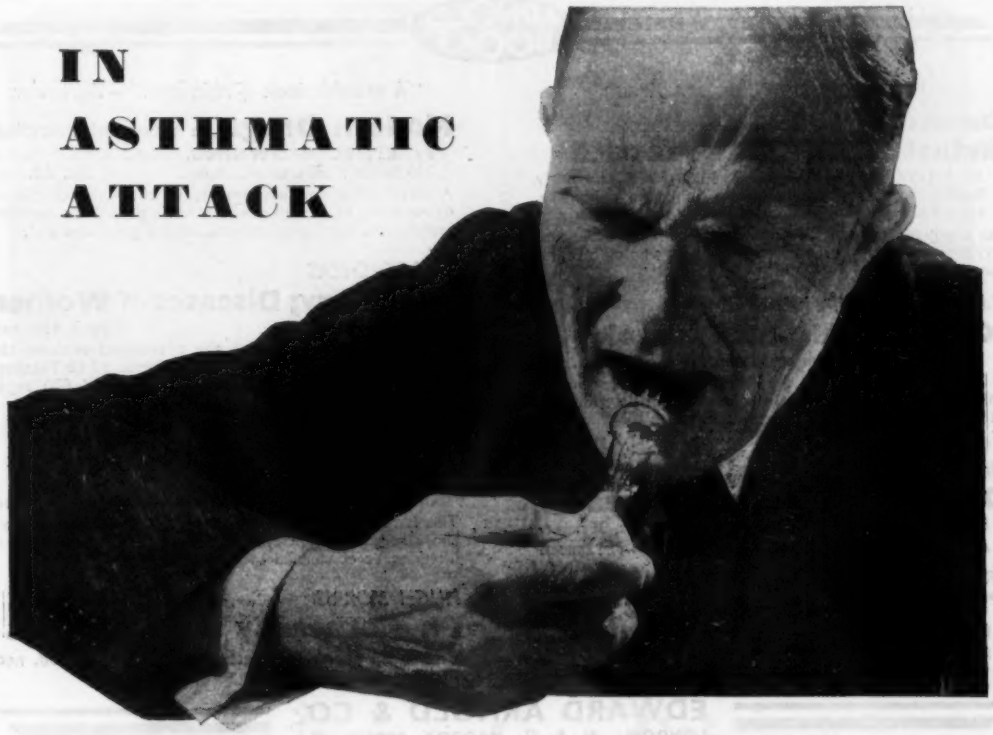

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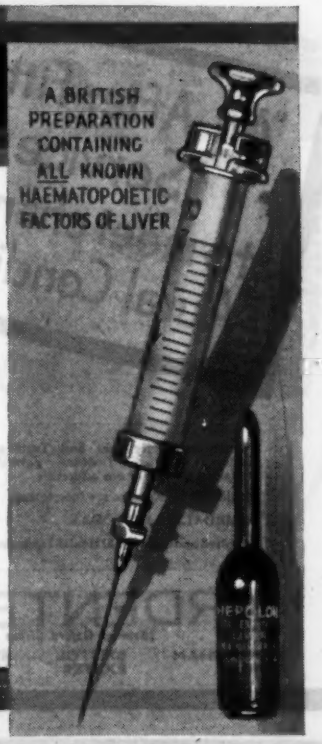


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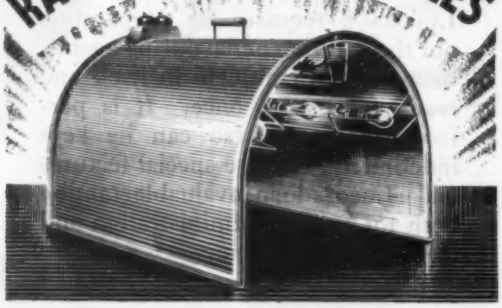

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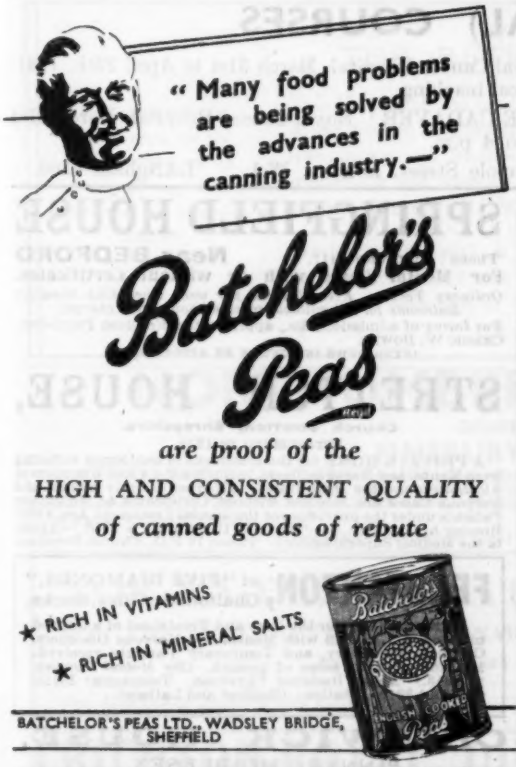


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'Ovendosyn' is designed for the complete control of physical and mental symptoms at the menopause. Its special claim to consideration lies in the fact that this unique combination of stilbœstrol and calcium ensures all the advantages of the synthetic œstrogenic agent and at the same time reduces unpleasant side-effects to a minimum.

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A selection of fine instruments for sale at reasonable prices
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**MIDDLESEX HOSPITAL, W.1**

**PRIMARY F.R.C.S.**

A Course for the next Primary Fellowship Examination will be held at LEEDS, beginning on February 12th. Applications should be addressed to Professor John Kirk, The Medical School, Leeds, 2.

**BRITISH POSTGRADUATE MEDICAL SCHOOL**
(UNIVERSITY OF LONDON)

**LECTURES ON WAR SURGERY**
**17th to 21st February, 1941**

| | | |
|---|---|---|
| Monday, 17th Feb. | 10 A.M. | Ailments of the Soldier in Training. |
| | 11.15 A.M. | Nutrition in the Wounded Soldier. |
| | 2 P.M. | War Injuries of the Nose, Throat and Ear (I) |
| | 3 P.M. | War Injuries of the Nose, Throat and Ear (II). |
| Tuesday, 18th Feb. | 10 A.M. | Facial Injuries: Plastic Repair. |
| | 11.15 A.M. | Facial Injuries: Plastic Restoration. |
| | 1.15 P.M. | Bus to Royal College of Surgeons. |
| | 2 P.M. | Demonstration of Specimens at Royal College of Surgeons. |
| Wednesday, 19th Feb. | 10 A.M. | Skin Grafting. |
| | 11.30 A.M. | Boils and other Infections. |
| | 2 P.M. | Venereal Diseases in War (I) |
| | 3 P.M. | Venereal Diseases in War (II). |
| Thursday, 20th Feb. | 10 A.M. | Sprains, Strains and Minor Fractures (I) |
| | 11.30 A.M. | Sprains, Strains and Minor Fractures (II). |
| | 2 P.M. | Preparation for Rehabilitation. |
| | 3 P.M. | Co-operation of Surgeon with Dental Officer in the Early Treatment of Maxillo-Facial Injuries. |
| Friday, 21st Feb. | 10 A.M. | Injury to the Facial Nerve. |
| | 11.30 A.M. | War Injuries of the Eye (I) |
| | 2 P.M. | War Injuries of the Eye (II). |
| | 3 P.M. | Demonstration of Plaster Technique. |

Names of lecturers will be notified later.

The fee for the Course will be one guinea, but no fee will be charged in the case of Officers of the Armed Forces and Emergency Medical Service who submit a leave certificate and register their names before the commencement of the Course.

Applications for tickets should be addressed to the Dean, British Postgraduate Medical School, Ducane Road, London, W.12.

# F.R.C.S. (FINAL) COURSES

COMPREHENSIVE REVISION COURSE: Royal Cancer Hospital, March 31st to April 25th, 1941, mornings, 10 a.m. to 1 p.m. Theoretical and clinical teaching.

PRACTICAL OPERATIVE SURGERY ON THE CADAVER: Royal Cancer Hospital, March 31st to April 25th, 1941, three afternoons weekly, 2 to 4 p.m.

Apply FELLOWSHIP OF MEDICINE, 1, Wimpole Street, London, W.1. LANgham 4266.

## TAVISTOCK CLINIC

(THE INSTITUTE OF MEDICAL PSYCHOLOGY.)

WESTFIELD COLLEGE, Kidderpore-avenue, N.W.3.

A discussion on "THE SHELTER PROBLEM," introduced by Miss ELLEN WILKINSON, will take place on SATURDAY, FEBRUARY 15TH, at 2.30 P.M. Dr. Edward Glover in the chair. Open to registered medical practitioners. Admission free. Tea provided.

Those desirous of attending are earnestly requested to notify the Educational Secretary in advance of their intention to be present.

## Examining Board in England

BY THE
ROYAL COLLEGE OF PHYSICIANS OF LONDON
AND THE
ROYAL COLLEGE OF SURGEONS OF ENGLAND.

Notice is hereby given that the following Examinations will commence on the dates stated below:—

PRE-MEDICAL EXAMINATION
(Chemistry, Physics, and Biology),
MONDAY, MARCH 10TH.
FIRST EXAMINATION
(Anatomy, Physiology, and Pharmacology),
MONDAY, MARCH 24TH.
FINAL EXAMINATION.
(Pathology, Medicine, Surgery, and Midwifery),
WEDNESDAY, APRIL 2ND.

Subject to a sufficient number of candidates desiring to sit at centres outside the London area, it is proposed to conduct the PRE-MEDICAL Examination in CAMBRIDGE and LEEDS; the FIRST Examination in CAMBRIDGE, LEEDS and MANCHESTER; and the FINAL Examination in CAMBRIDGE, CARDIFF, LEEDS and MANCHESTER. Such candidates will be required to pay a local fee in addition to the ordinary fee for the Examination concerned.

Candidates who have fulfilled the necessary conditions, and who desire to present themselves for Examination, must give notice in writing to the Secretary, Examination Hall, 8–11, Queen-square, London, W.C.1, at least twenty-one days before the date of the Examination, transmitting at the same time such certificates as may be required by the Regulations of the Board.

HORACE H. REW, Secretary.

Telephone: WELbeck 2728 Telegrams: "ASSISTIAMO, LONDON"

For MEDICAL, SURGICAL, and

## MENTAL NURSES

Male or Female

## THE NURSES' ASSOCIATION

In conjunction with the MALE NURSES' ASSN.

29, YORK ST., BAKER ST., LONDON, W.1

Mrs. MILLICENT HICKS, Superintendent W. J. HICKS, Secretary

## SPRINGFIELD HOUSE

Phone: BEDFORD 3417. **Near BEDFORD**

**For Mental Cases with or without Certificates.**

*Ordinary Terms: Five Guineas per week (including Separate Bedrooms for all suitable cases without extra charge).*

For forms of admission, &c., apply to the Resident Physician, CEDRIC W. BOWER.

INTERVIEWS IN LONDON BY APPOINTMENT.

## STRETTON HOUSE,

**Church Stretton, Shropshire.**

ESTABLISHED IN 1853.

A PRIVATE HOME for the treatment of gentlemen suffering from Mental and Nervous illness, including the allied Disorders of Alcoholism and the Drug Habit. All types of early Mental and Nervous Cases are received without Certificates as Voluntary Patients under the provisions of the Mental Treatment Act, 1930. Bracing hill country. See "Medical Directory," p. 2358.—Apply to the Medical Superintendent. 'Phone 10 P.O., Church Stretton.

## FENSTANTON, at "FIVE DIAMONDS," Chalfont St. Giles, Bucks.

A Private Home for the Care and Treatment of a limited number of LADIES with Mental and Nervous Disorders. Certified, Voluntary, and Temporary Patients received. Mansion with 12 acres of ground. (*See Medical Directory*, p. 2346.) Apply Resident Physician. Telephone: Little Chalfont 2048. Station: Chalfont and Latimer.

## CHISWICK HOUSE,

**PINNER, MIDDLESEX.**

Telephone: PINNER 234.

A Private Hospital for the Treatment and Care of Mental and Nervous Illnesses in both Sexes.

A modern country house, 12 miles from Marble Arch, in attractive and secluded surroundings. Fees from 10 guineas per week inclusive. Cases under Certificate, Voluntary and Temporary Patients received for treatment.

DOUGLAS MACAULAY, M.D., D.P.M.

## HEIGHAM HALL, NORWICH

PRIVATE MENTAL HOME for Nervous and Mental Illness. All forms of treatment available. Fees from 4 gns. per week upwards according to requirements. Vacancies occasionally exist at reduced fees on the recommendation of the patient's own physician.

Apply to Dr. J. A. SMALL. Telephone: Norwich 80.

## MALLING PLACE, KENT

For LADIES and GENTLEMEN of Unsound Mind.

Terms moderate. Apply to Resident Medical Superintendent. Telegrams: ADAM WEST MALLING. Telephone No. 2: MALLING.

## ROYAL LONDON OPHTHALMIC HOSPITAL

MOORFIELDS EYE HOSPITAL
CITY ROAD, E.C.1

**NEW TERM BEGINS IN MARCH**

The D.O.M.S. COURSE will begin on MARCH 3rd, 1941

For further particulars apply to the Secretary to the Medical School at the Royal London Ophthalmic Hospital, City Road, E.C.1, or to the Dean, ROBERT C. DAVENPORT, F.R.C.S.

## PECKHAM HOUSE, 112, Peckham Road, London, S.E.15

**Telegrams: "Alleviated, London"** **Telephone: Rodney 2641-2642**

A Private Mental Hospital, for Ladies and Gentlemen suffering from Nervous and Mental Illness, where the amenities of a comfortable home are combined with full investigation and every well-established modern treatment.

Terms from 3½ guineas weekly.

Illustrated Prospectus may be obtained from the Physician Superintendent.

## THE RETREAT, YORK

The Pioneer Hospital, opened 1796, for the humane treatment of those suffering from Nervous and Mental Disorder

This Hospital of 200 beds, administered by a Committee of the Society of Friends, combines what is best in the investigation and treatment of nervous illness with a sympathetic and friendly atmosphere. Last year 121 patients were admitted, of whom 80 were voluntary cases.

Much curative work is accomplished in our mental hospitals to-day and the recovery rate compares very favourably with that of our general hospitals.

For information and terms of admission apply to:—
The Physician Superintendent,
ARTHUR POOL, M.R.C.P.
(Telephone: York 3612)
who is available for consultation

## NORTHUMBERLAND HOUSE

GREEN LANES,
FINSBURY PARK, N.4

A PRIVATE HOSPITAL for the treatment of mental and nervous illnesses. Conveniently situated and easy of access from all parts. Six acres of ground facing Finsbury Park. Voluntary and Temporary Patients received without certification. Occupational Therapy, Psychotherapy, and other modern forms of treatment. Air-raid Shelters have been provided.

*Telephone:* Stamford Hill 2688. *Telegrams:* "SUBSIDIARY, LONDON."

For further particulars apply to the MEDICAL SUPERINTENDENT.

## TOR-NA-DEE SANATORIUM

Managing Director: DAVID LAWSON, M.D., F.R.S.E.

FOR THE TREATMENT OF PULMONARY TUBERCULOSIS AND ALLIED DISEASES

Medical Superintendent: R. Y. KEERS, M.D.(Edin.)

For prospectus apply to The Secretary, Tor-na-Dee, Murtle, Aberdeenshire Telephone: Cults 107

## CRICHTON ROYAL, DUMFRIES

For NERVOUS AND MENTAL DISORDERS

Separate Villa for patients suffering from the effects of alcoholism and drug addiction. Every facility for complete investigation and individual treatment on the most modern lines. Fully equipped gymnasium, golf course, and indoor swimming pool. Specially trained occupational and recreational therapists. **Special Department for Insulin Therapy.** As the hospital is well endowed terms are exceptionally moderate, e.g., First Department from 3 guineas per week, Second Department, 2 and 2½ guineas per week. Voluntary and certified patients are received. Medical Certificates given anywhere in the British Isles are valid for admission of patients. *For prospectus, necessary forms, and further information apply to:—*

Physician Superintendent, P. K. McCowan, J.P., M.D., F.R.C.P., D.P.M., Barrister-at-Law. *Tel.* Dumfries 1119.

## HAYDOCK LODGE,

NEWTON-LE-WILLOWS, LANCASHIRE.

For the reception and treatment of PRIVATE PATIENTS of both sexes of the UPPER AND MIDDLE CLASSES suffering from Mental and Nervous Disorders, Alcoholism and Drug addiction, either voluntarily, temporarily, or under certificate. Patients are classified in separate buildings according to their mental condition. Situated in park and grounds of 400 acres. Self-supported by its own farm and gardens in which patients are encouraged to occupy themselves. Every facility for indoor and outdoor recreation. For terms, prospectus, etc., apply MEDICAL SUPERINTENDENT. *'Phone:* Ashton-in-Makerfield 7311. *Tele. Address:* Street, Ashton-in-Makerfield.

## THE OLD MANOR SALISBURY

*A Private Hospital for the Care and Treatment of those of both sexes suffering from MENTAL DISORDERS.*

Extensive grounds. Detached Villas. Chapel. Garden and Dairy Produce from own farm. Terms very moderate.

CONVALESCENT HOME AT BOURNEMOUTH Detached Villas standing in 12 acres of ornamental grounds, with tennis courts, etc., which Voluntary, Temporary or Certified Patients may visit by arrangement for long or short period.

Illustrated Brochure on application to the Medical Superintendent. The Old Manor, Salisbury. Telephone: Salisbury 3216 and 3217.

## CALDECOTE HALL

NUNEATON
WARWICKSHIRE
('Phone: Nuneaton 241)

Residential treatment of

## "Nervous Disorders" & Alcoholism

(Certifiable cases are not received)

This beautiful mansion situated in the heart of the country (less than two hours from London by L.M.S.R.) and surrounded by charming pleasure grounds in which games and outdoor occupational therapy are available is devoted to the treatment of Alcoholism and "Nerves" by psychotherapeutic and ancillary methods.

*Illustrated Brochure and particulars obtainable from A. B. CARVER, M.D., D.P.M., Resident Medical Superintendent.*

# ST. ANDREW'S HOSPITAL

## FOR NERVOUS AND MENTAL DISORDERS,

## NORTHAMPTON

*FOR THE UPPER AND MIDDLE CLASSES ONLY.*

PRESIDENT: THE MOST HON. THE MARQUESS OF EXETER, K.G., C.M.G., A.D.C.

MEDICAL SUPERINTENDENT: THOMAS TENNENT, M.D., M.R.C.P., D.P.H., D.P.M.

This Registered Hospital is situated in 130 acres of park and pleasure grounds. Voluntary patients, who are suffering from incipient mental disorders or who wish to prevent recurrent attacks of mental trouble; temporary patients, and certified patients of both sexes are received for treatment. Careful clinical, bio-chemical, bacteriological, and pathological examinations. Private rooms with special nurses, male or female, in the Hospital or in one of the numerous villas in the grounds of the various branches can be provided.

### WANTAGE HOUSE

This is a Reception Hospital in detached grounds with a separate entrance, to which patients can be admitted. It is equipped with all the apparatus for the complete investigation and treatment of Mental and Nervous Disorders by the most modern methods; insulin treatment is available for suitable cases. It contains special departments for hydrotherapy by various methods, including Turkish and Russian baths, the prolonged immersion bath, Vichy Douche, Scotch Douche, Electrical baths, Plombieres treatment, etc. There is an Operating Theatre, a Dental Surgery, an X-Ray Room, an Ultra-violet Apparatus, and a Department for Diathermy and High-frequency treatment. It also contains Laboratories for bio-chemical, bacteriological, and pathological research. Psychotherapeutic treatment is employed when indicated.

### MOULTON PARK

Two miles from the Main Hospital there are several branch establishments and villas situated in a park and farm of 650 acres. Milk, meat, fruit, and vegetables are supplied to the Hospital from the farm, gardens, and orchards of Moulton Park. Occupational therapy is a feature of this branch, and patients are given every facility for occupying themselves in farming, gardening, and fruit growing.

### BRYN-Y-NEUADD HALL

The seaside house of St. Andrew's Hospital is beautifully situated in a Park of 330 acres, at Llanfairfechan, amidst the finest scenery in North Wales. On the North-West side of the Estate a mile of sea coast forms the boundary. Patients may visit this branch for a short seaside change or for longer periods. The Hospital has its own private bathing house on the seashore. There is trout-fishing in the park.

At all the branches of the Hospital there are cricket grounds, football and hockey grounds, lawn tennis courts (grass and hard courts), croquet grounds, golf courses, and bowling greens. Ladies and gentlemen have their own gardens, and facilities are provided for handicrafts, such as carpentry, etc.

For terms and further particulars apply to the Medical Superintendent (TELEPHONE: No. 2356 and 2357 Northampton), who can be seen in London by appointment.

# CHEADLE ROYAL HOSPITAL, Cheadle, Cheshire.

This REGISTERED HOSPITAL, with a SEASIDE BRANCH at Colwyn Bay, N. Wales, is for the treatment and care of those of the Upper and Middle Classes suffering from MENTAL AND NERVOUS DISEASES.

The Hospital is governed by a COMMITTEE, appointed by the TRUSTEES of the Manchester Royal Infirmary.

In addition to the Main Buildings there are separate villas. Extensive grounds. Hard and grass tennis courts, cricket and croquet grounds, and a court for badminton. There are also wireless installations. Golf may be had within easy distance. Occupational Therapy.

VOLUNTARY, TEMPORARY, AND CERTIFIED PATIENTS received.

The Hospital is nine miles from Manchester, 50 minutes by rail from Liverpool, and 3½ hours from London.

For terms and further particulars apply to the Medical Superintendent, who may be seen in Manchester BY APPOINTMENT. *Telephone: Gatley* 2231 (3 lines).

# CAMBERWELL HOUSE

Telegrams: "PSYCHOLIA, LONDON." 33, PECKHAM RD., LONDON, S.E.5. Telephone: Rodney 4242 (2 lines).

***For the treatment of MENTAL DISORDERS.***

Also completely detached Villas for Mild Cases, with private suites if desired. Voluntary Patients received. Twenty acres of Grounds. Hard and Grass Tennis Courts, Putting Greens, Bowls, Croquet, Squash Rackets, Recreation Hall with Badminton Court, and all indoor amusements, including Wireless and other Concerts, Occupational Therapy, Calisthenics, and Dancing Classes. X-ray and Actino-therapy, Prolonged Immersion Baths, Operating Theatre, Pathological Laboratory, Dental Surgery, and Ophthalmic Department. Chapel. Shock and also modified Insulin Therapy.

Senior Physician: Dr. HUBERT JAMES NORMAN, assisted by a resident Medical Staff, and visiting Consultants.

An Illustrated Prospectus, giving fees which are strictly moderate, may be obtained upon application to the Secretary.

**The Convalescent Branch is Hove Villa, Brighton, and is 200 feet above sea level.**

# THE COTSWOLD SANATORIUM

First opened in 1898 and rebuilt in 1925 on the Cotswold Hills seven miles from Cheltenham, for the Treatment of Pulmonary and all other forms of Tuberculosis. Aspect S.S.W., sheltered from North and East, elevation 800 feet. Pure bracing air, SPECIAL TREATMENT by artificial PNEUMOTHORAX (X-ray controlled). TUBERCULINS, and ULTRA-VIOLET RAYS is available when necessary without extra charge. X-RAY plant, Fully Equipped Dental Department, Electric Light Radiators, hot and cold basins and Wireless in all rooms. Up-to-date drainage. Full day & night Nursing Staff. Terms: 3½ to 5½ Guineas a week inclusive.

*Med. Supt.:* GEOFFREY A. HOFFMAN, B.A., M.B., T.C. Dub. *Asst. Phys.:* MARGARET A. HARRISON, M.B., B.S. Lond. *Cons. Laryngologist:* G. N. BARKER, F.R.C.S. Edin., D.L.O. *Cons. Dent. Surgeon:* GEORGE V. SAUNDERS, L.D.S.R.C.S. Lond. *Phone:* 81 & 82 Witcombe. Apply: *The Secretary, The Cotswold Sanatorium, Cranham, Gloucester. Telegrams:* "Hoffman, Birdlip."

# COURT HALL, KENTON, near EXETER

FOR THE TREATMENT OF EIGHT LADIES, VOLUNTARY, TEMPORARY AND CERTIFIED PATIENTS

# CLIFFDEN, TEIGNMOUTH

FOR EARLY AND CONVALESCENT CASES Recreational Therapies are held daily by skilled Leaders

The house stands high with spacious balconies and extensive views of the South Devon Coast. Beautiful garden. Own Dairy in 25 acres. Private road to beach. There is also a charming house, EBWORTHY, MANATON, DARTMOOR, situated in 20 acres, 1100 ft. up for bracing moorland air.

*Resident Physicians*—BERTHA M. MULES, M.D., B.S. ANNE S. MULES, M.R.C.S., L.R.C.P.

*Telephones*—STARCROSS 259 and TEIGNMOUTH 289

# SHAFTESBURY HOUSE

FORMBY-BY-THE-SEA
Nr. LIVERPOOL

Specially built and licensed for the care and treatment of a limited number of Ladies and Gentlemen suffering from NERVOUS and MENTAL breakdown. Voluntary and certified patients received. Ladies also admitted as Temporary Patients without certification. Terms moderate. *Apply*, RESIDENT PHYSICIAN, who may be seen in Liverpool, by appointment. *Tel. No.* 8 *Formby.*

## PORTSMOUTH CITY MENTAL HOSPITAL

Accommodation is provided for the reception of PRIVATE PATIENTS of both sexes in three detached Villas, which are healthily and pleasantly situated in extensive grounds with sea views.

Charges from 3 guineas weekly, including all necessaries except clothing.—Apply to the Medical Superintendent and Resident Physician, THOMAS BEATON, O.B.E., M.D., F.R.C.P.

## THE GROVE HOUSE,
CHURCH STRETTON, SHROPSHIRE.

Private Home for Ladies mentally ill. Voluntary and Temporary Patients received.

Medical Superintendent: Dr. J. A. MCCLINTOCK

## THE MAGHULL HOMES FOR EPILEPTICS (Inc.)
MAGHULL (near LIVERPOOL)

FARMING and OPEN AIR OCCUPATION for PATIENT

A few vacancies in 1st and 2nd Class Houses.

FEES: 1st Class (men only) from £5 5s. per week upwards.
2nd Class (men and women) 32/- per week.

*For further particulars apply:* C. EDGAR GRISEWOOD, A.C.A.
Secretary, 20, Exchange Street East, Liverpool, 2

## THE COPPICE, NOTTINGHAM.
HOSPITAL FOR MENTAL DISEASES.

President: The Right Hon. LORD BELPER.

This Institution is exclusively for the reception of a limited number of PRIVATE PATIENTS of both sexes, of the UPPER and MIDDLE CLASSES, at moderate rates of payment. It is beautifully situated in its own grounds, on an eminence a short distance from Nottingham, and commands an extensive view of the surrounding country; and from its singularly healthy position and comfortable arrangements affords every facility for the relief and cure of those mentally afflicted. Voluntary and Temporary Patients received. Occupational Therapy. For terms, &c., apply to the Medical Superintendent.

Telephone: 64117 Nottingham.

## St. John's Hospital, Lewisham,
S.E.13.

Applications are invited from registered medical practitioners for the appointment of RESIDENT SURGICAL OFFICER (B1) (Male), to become vacant on March 1st, 1941. Applicants should have held house appointments and had surgical experience. Preference will be given to candidates holding Diploma of F.R.C.S. Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply. Salary £200, plus panel fees for resident female staff.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

J. C. GILBERT, Secretary-Superintendent.

## St. Mark's Hospital for Cancer,
FISTULA, AND OTHER DISEASES OF THE RECTUM,
City-road, London, E.C.1.

Applications are invited from registered medical practitioners, including R practitioners who now hold A posts, for a HOUSE SURGEON (Male) (B2). Salary not less than £120 per annum. Duties to commence March 1st, 1941. If held by an R practitioner, appointment will be limited to six months.

Applications, with copies of testimonials, must reach the SECRETARY (from whom further particulars may be obtained) not later than 10 A.M. on February 14th, 1941.

## Metropolitan Borough of Fulham.

TEMPORARY ASSISTANT MEDICAL OFFICER—RESIDENT.

Applications are invited from qualified medical practitioners of either sex for the position of Temporary Assistant Medical Officer and Resident Medical Officer at the Council's Maternity Home. The appointment will be for the duration of the war, but subject to one month's notice on either side. Salary £7 7s. per week, with board and lodging free.

Applications, giving full particulars of age, education, training, qualifications, and present and past appointments, accompanied by copies of not more than three recent testimonials and endorsed "Temporary Assistant Medical Officer," should be delivered to the undersigned not later than 14th February.

WILFRED TOWNEND, Town Clerk.

Town Hall, Fulham, S.W.6.

## British Postgraduate Medical School.
(UNIVERSITY OF LONDON.)

Applications are invited from registered medical practitioners, Male and Female, for the appointment of HOUSE PHYSICIANS (A), including R practitioners within three months of qualification. The appointment is for six months and carries a salary of £105 per annum, plus the usual residential emoluments.

Applications, stating age, qualifications with dates, and nationality, accompanied by copies of three recent testimonials, should be sent not later than February 18th, 1941, to the DEAN, British Postgraduate Medical School, Ducane-road, London, W.12.

## London County Council.

Medical practitioners required for undermentioned positions. Married quarters not available. Experience in treatment of tuberculosis required.

TEMPORARY ASSISTANT MEDICAL OFFICERS (Class I) (B1). Salary £350–£25–£425. Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply.

NORTHERN HOSPITAL, Winchmore Hill, N.21.
GROVE PARK HOSPITAL, Lee, S.E.12.

Both positions are with board, lodging, and washing.

Application forms obtainable (stamped addressed foolscap envelope necessary) from MEDICAL OFFICER OF HEALTH, Staff Division 2, County Hall, S.E.1, returnable by 24th February.

Canvassing disqualifies.

## London County Council.

Medical practitioners required for undermentioned positions in Council's hospitals service. Married quarters not available.

TEMPORARY ASSISTANT MEDICAL OFFICERS (Class I) (B1). Salary £350–£25–£425. Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply.

(*a*) FULHAM HOSPITAL, St. Dunstan's-road, Hammersmith, W.6. Surgical duties.
(*b*) LAMBETH HOSPITAL, Brook-drive, Kennington-road, S.E.11. General duties with surgical bias and anæsthetics.
(*c*) ST. JAMES' HOSPITAL, Ouseley-road, Balham, S.W.12. Duties in fracture unit.

TEMPORARY ASSISTANT MEDICAL OFFICERS (Class II) (B2). Salary £250. R practitioners who hold A posts may apply. If held by an R practitioner the appointment will be limited to six months. General duties in general hospitals and infectious hospitals service.

All positions are with board, lodging, and washing.

Application forms obtainable (stamped addressed foolscap envelope necessary) from Medical Officer of Health, Staff Division 2, County Hall, S.E.1, returnable by 17th February.

Canvassing disqualifies.

## London County Council.

(1) TEMPORARY ASSISTANT DISTRICT MEDICAL OFFICER required for Area VII, District H (Part Borough of Battersea). Provisional salary £250 a year.

(2) TEMPORARY ASSISTANT DISTRICT MEDICAL OFFICER required for Areas IX and X, District B (Part Borough of Deptford). Provisional salary £400 a year.

Persons engaged required to carry out duties prescribed by Public Assistance Order, 1930, and to reside in or near district. Engagements renewable annually at 31st March. Remuneration and conditions subject to review.

Vacancies exist during absence on national service of the appointed Assistant District Medical Officers.

Application form obtainable (stamped addressed foolscap envelope necessary) from Medical Officer of Health, Staff Division (S.D.6), County Hall, S.E.1, returnable by 17th February.

Canvassing disqualifies.

## Metropolitan Borough of Poplar.

TEMPORARY APPOINTMENT OF ASSISTANT MEDICAL OFFICER.

Applications are invited from registered medical practitioners (Male) for temporary appointment as Assistant Medical Officer at an inclusive salary of £600 a year. Subject to satisfactory service, the appointment will be of not less than one year's duration.

The officer appointed will be required to devote the whole of his time under the direction of the Medical Officer of Health to the duties of his office, which will consist of constant day and night inspection of public shelters in the borough, and of such other medical services as the Council's Civil Defence (Emergency) Committee may require of him.

The appointment is subject to one month's notice on either side, and does not confer any rights under the Council's Superannuation Acts.

Applications, together with copies of three testimonials, must reach the undersigned not later than 12 noon on Saturday, 24th February, 1941, with the envelope endorsed "Assistant Medical Officer."

H. E. DENNIS, Town Clerk and A.R.P. Controller.

Poplar Town Hall, Bow-road, E.3.

# HIS MAJESTY'S COLONIAL SERVICE

## THE COLONIAL MEDICAL SERVICE

## VACANCIES FOR MEDICAL OFFICERS

**The maintenance of an efficient Colonial Medical Service constitutes a vital part of the national war effort and it is most important that the Service should be assured of an adequate supply of doctors.**

**The Secretary of State for the Colonies therefore invites applications from doctors possessing a medical qualification registrable in the United Kingdom who are British subjects and who are under thirty-five years of age.**

**Medical Officers are appointed in the first instance for general service. But there are ample opportunities for work in special branches of medicine and surgery, in public health and in medical research.**

**The normal salary scale is from £600 to between £1,000 and £1,120. There are large numbers of super-scale posts to which promotion is made on merit and which carry higher salaries.**

**Government quarters, in many cases free of rent, and first-class passages to and from the Colonies are provided, and an adequate pension scheme is in force.**

**Selected candidates are normally required to attend a course of instruction in Tropical Medicine and Hygiene either before proceeding overseas or during their first period of leave.**

**Further particulars, including the regulations governing admission to the Colonial Medical Service, may be obtained from the Director of Recruitment (Colonial Service), 29, Queen Anne's-gate, London, S.W.1.**

### Bolingbroke Hospital,
Wandsworth Common, S.W.11.

Applications are invited from registered medical practitioners (Male) for the appointment of CASUALTY OFFICER (A), to become vacant on March 1st, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Otherwise reappointment for a further period will be considered. Salary is at the rate of £120 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than February 12th, 1941.

W. S. RANDOLPH BISS, Secretary-Superintendent.

### Hospital of St. John and St. Elizabeth,
60, Grove End-road, N.W.8.

Applications are invited for the post of RESIDENT HOUSE PHYSICIAN (A) (Male), including R practitioners within three months of qualification. The post is recognised for the degree of M.D. London University. The appointment will be for six months and will commence on 1st March, 1941. Salary at the rate of £150 per annum, with full board.

Applications, together with copies of three testimonials, should reach the undersigned by Tuesday, 11th February.

Applicants will be required to attend a meeting of the Medical Committee on Thursday, 13th February, at 12 NOON, at the Hospital.

F. DUDLEY HOBBS, B.A., Secretary.

### National Temperance Hospital,
Hampstead-road, N.W.1.

Applications are invited for the posts of HOUSE PHYSICIAN and HOUSE SURGEON, who will be required to act as House Surgeon (A) under the M.S., including R practitioners within three months of qualification.

The appointments are for a period of six months as from February 19th. Salary at least £120 per annum, with board, residence and laundry.

Applications, stating qualifications, age, &c., with copies of not more than three testimonials, by the 12th of February, addressed to the Secretary.

### The Royal Cancer Hospital (Free)
(Incorporated under Royal Charter),
Fulham-road, London, S.W.3.

Applications are invited for the post of HOUSE SURGEON (A), including R practitioners within three months of qualification, when appointment will be limited to six months, to commence duties on the 1st April, 1941. Candidates must be unmarried. Salary at the rate of £100 per annum. The appointment is for six months and subject to rules, a copy of which can be obtained from the Secretary.

Applications, to be made on a form which will be supplied by the Secretary, with copies only of not more than three recent testimonials, to be sent to the Secretary not later than the first post on Wednesday, 12th February, 1941.

CLEMENT COBBOLD, Secretary.

### The Queen's Hospital for Children,
Hackney-road, E.2.

CASUALTY OFFICER required 1st March, 1941.
HOUSE PHYSICIAN required 1st March, 1941.

Six months' appointments. The above are normally B2 appointments, but candidates eligible for A appointments are also invited to apply. Salary at rate of £100 per annum, with certain additions, with board, lodging, and laundry in each case.

Candidates must be prepared to participate in the Emergency Hospital arrangements in connexion with which beds have been reserved.

Applications must be made on forms to be obtained from the undersigned and be sent in, with copies of not more than three testimonials, on or before 13th February, 1941.

CHARLES H. BESSELL, Secretary.

### Royal Eye Hospital,
St. George's Circus, S.E.1.

ASSISTANT HOUSE SURGEON (B2).

Applications are invited from registered medical practitioners, including R practitioners who now hold A posts. Appointment becomes vacant February 24th. If R practitioner appointed, the appointment will be limited to six months. Salary £100 per annum, with board and residence.

Applications, with copies of three recent testimonials, should be sent to the SECRETARY not later than Monday, February 10th.

### Hospital for Consumption and Diseases
OF THE CHEST, Brompton, S.W.3.

The Committee of Management invite applications from registered medical practitioners, including R practitioners who now hold A posts, for the post of RESIDENT SURGICAL OFFICER (B2) at the Sanatorium at Frimley. The appointment is for six months, commencing March 1st, 1941. Salary at the rate of £150 per annum, with board and residence.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of one or more recent testimonials, should reach the undersigned not later than Saturday, February 15th, 1941.

F. G. ROUVRAY, Secretary.

Brompton, January, 1941.

### Examining Surgeons:
FACTORIES ACT, 1937.

The following appointment as Examining Surgeon under the Factories Act, 1937, is vacant.

Application should be sent to the Chief Inspector of Factories, Cleland House, Page-street, London, S.W.1.

| District. | County. | Latest date for receipt of application. |
|---|---|---|
| KNOWBURY .. | SALOP .. | 18th February, 1941. |

### Kent and Sussex Hospital,
TUNBRIDGE WELLS.

BROOMHILL BANK. (50 Beds.)
(Annexe to above Hospital.)

APPOINTMENT OF RESIDENT MEDICAL OFFICER (B2).

Applications are invited from registered medical practitioners, Male, for the appointment of Resident Medical Officer (B2), to become vacant February 17th, 1941, including R practitioners who hold A posts.

If held by an R practitioner the appointment will be limited to six months.

The salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, accompanied by copies of three recent testimonials to be sent to the undersigned as soon as possible.

TOM B. HARRISON, Superintendent-Secretary.

February 3rd, 1941.

### Hospital, Alton, Hants.
(350 Beds.)

APPOINTMENT OF TWO ASSISTANT RESIDENT MEDICAL OFFICERS (B2).

Applications are invited from registered medical practitioners (Male) for the appointment of two Assistant Resident Medical Officers. R practitioners holding A posts may apply, when appointments will be limited to six months.

The staff consists of a Resident Medical Superintendent and one Resident Surgical Officer.

The salary is at the rate of £350 per annum, with one month's notice on either side.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

H. LESLIE CRONK, County Medical Officer.

The Castle, Winchester.

## City of Plymouth.

CITY GENERAL HOSPITAL.

DEPUTY MEDICAL SUPERINTENDENT—TEMPORARY APPOINTMENT.

Applications are invited from registered medical practitioners for the temporary post (for the duration of the war) of Deputy Medical Superintendent (B1) at the City Hospital, Plymouth.

The appointed candidate will work under the supervision of the Medical Superintendent. The duties are mainly medical and candidates should have had post-graduate medical experience. Preference will be given to candidates possessing a higher medical qualification. Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply. Salary is at the rate of £450 per annum, rising by annual increments of £50 to £550, with full residential emoluments.

The appointment will be held during the pleasure of the Council and will be subject to—

(1) Candidates passing a medical examination;
(2) Six weeks' notice on either side.

The officer will be required to refund to the Council all fees, allowances, and emoluments, other than the foregoing, received by him.

Further particulars of the office may be obtained from the Medical Superintendent, The City Hospital, Plymouth.

Forms of application may be obtained from the undersigned and should be returned, accompanied by copies of not more than three recent testimonials, not later than 24th February, 1941.

T. PEIRSON.

## York County Hospital.

(222 Beds.)

Applications are invited from registered medical practitioners for the following appointments:—

HOUSE PHYSICIAN (B2), vacant 28th February, 1941, including R practitioners who now hold A posts; also

HOUSE SURGEON to the EYE, EAR, NOSE, AND THROAT DEPARTMENT (A), vacant immediately, including R practitioners within three months of qualification.

If held by an R practitioner, appointment will be limited to six months. Salary is at the rate of £150 per annum in either case, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

J. R. MACKRILL, Secretary.

## Brighton Education Committee.

TEMPORARY ASSISTANT TO SCHOOL MEDICAL OFFICER AND ASSISTANT TO MEDICAL OFFICER OF HEALTH (MALE OR FEMALE).

Applications are invited for this appointment.

Candidates must be competent in refraction work and experience in children's diseases and in school medical inspection would be an advantage.

Salary £500 per annum.

Applications, on forms to be obtained from the undersigned, together with copies of three recent testimonials, must be returned not later than Friday, the 28th February, 1941.

Canvassing will be regarded as a disqualification.

F. HERBERT TOYNE, Education Officer.

54, Old Steine, Brighton, 1.

## Hull Royal Infirmary.

Applications are invited from registered medical practitioners (Male), including R practitioners within three months of qualification, for the post of CASUALTY OFFICER (A) vacant now.

Applications are also invited for the post of HOUSE PHYSICIAN (B2), vacant February 28th. The post is recognised for the M.D. (London) examination.

If either of the above posts is held by an R practitioner, the appointment will be limited to six months.

The salary for each post is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of recent testimonials, should be sent to the undersigned.

R. J. CARLESS, House Governor.

## Leigh Infirmary, Lancs.

Applications are invited from Male registered medical practitioners, for the appointment of HOUSE SURGEON (A), to become vacant on the 1st April, including R practitioners within three months of qualification. If held by an R practitioner, the appointment will be for a period of six months. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than 28th February, 1941.

B. R. CARTER, Secretary-Superintendent.

## The Royal Earlswood Institution

FOR MENTAL DEFECTIVES, REDHILL, SURREY.

ASSISTANT MEDICAL OFFICER (B1) required; Male (British birth), unmarried. R practitioners holding B2 or B1 posts may apply. Salary £350 per annum, with board-residence.

Applications, with copies of three recent references, should be addressed to the MEDICAL SUPERINTENDENT, endorsed "Assistant Medical Officer."

## County Borough of Northampton.

APPOINTMENT OF ASSISTANT MEDICAL OFFICER OF HEALTH.

The Town Council of Northampton invites applications from registered Male medical practitioners for the post of Assistant Medical Officer of Health, which is a whole-time appointment.

Candidates must possess the Diploma in Public Health and have had experience in a General Hospital and in Tuberculosis, Maternity and Child Welfare, Fevers, and general Public Health work. Experience in connexion with A.R.P. services will be considered an additional qualification.

The appointed officer will be required to devote the whole of his time to the duties of the office, under the direction of the Medical Officer of Health. For the duration of the war, it is expected that his main duties will be organising and supervising, &c., the A.R.P. Casualty Services of the Local Authority.

The appointment will be subject to approval by the Minister of Health and be terminable by three months' notice on either side. The post is subject to the provisions of the Local Government Superannuation Acts, and the successful candidate will be required to pass satisfactorily a medical examination.

The salary will be £650 (plus a cost-of-living bonus at present amounting to £24 per annum), rising by two annual increments of £25 to a maximum of £700 per annum.

Applications, on a form to be obtained from the Medical Officer of Health, 7A, St. Giles'-square, Northampton, and accompanied by copies of three recent testimonials, should reach the undersigned not later than Tuesday, 25th February, 1941.

W. R. KEW, Town Clerk.

Guildhall, Northampton, 3rd February, 1941.

## The Radcliffe Infirmary, Oxford.

Applications are invited from registered medical practitioners for the appointment of RESIDENT SURGICAL OFFICER (B1) which is now vacant. Applicants should have held house appointments and had surgical experience, and should possess the qualification of F.R.C.S. Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply. Salary is at the rate of £300 to £500 per annum, with residence, according to experience.

Further particulars of the post may be obtained from the undersigned, to whom applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by four copies of three recent testimonials, should be sent not later than Monday, the 17th February, 1941.

A. G. E. SANCTUARY, Administrator.

## The Bolton Royal Infirmary.

(327 Beds, including Two Auxiliary Hospitals.)

Applications are invited from registered medical practitioners for appointment as HOUSE SURGEON (A), including R practitioners within three months of qualification. Salary £150 per annum, with board, residence and laundry. If held by R practitioner, appointment will be for a period of six months.

Applications, stating age, nationality, and experience, together with copies of testimonials, to be forwarded to the undersigned immediately.

H. AUBREY FROGGATT, Superintendent-Secretary.

## Royal Berkshire Hospital, Reading.

Applications are invited from registered medical practitioners (Male) for the appointment of HOUSE SURGEON (A) to the SPECIAL DEPARTMENTS (Ear, Nose, Throat and Eye), to become vacant immediately, including R practitioners within three months of qualification.

The appointment is for six months.

Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

H. E. RYAN, Secretary and House Governor.

## Victoria General Hospital, Wallasey.

APPOINTMENT OF A HOUSE SURGEON (A).

Applications are invited from registered medical practitioners, Male and Female, for the appointment of a House Surgeon (A), to become vacant on 1st April, 1941, including R practitioners within three months of qualification. The appointment will be for a period of six months.

Salary is at the rate of £100 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned as early as possible.

FRANK DEAN, F.C.I.S., Secretary-Superintendent.

## Children's Hospital, Nottingham.

Applications are invited for the post (B1) of RESIDENT HOUSE PHYSICIAN (Woman). The salary will be at the rate of £200 per annum, with apartments, board, and laundry. The appointment will be for six months, duties to commence on the 1st April, 1941.

Applications, together with testimonials, stating age, nationality, qualifications, and experience, to be sent to the HONORARY SECRETARY, 1, King John's-chambers, Bridlesmithgate, Nottingham, on or before Tuesday, 18th February, 1941.

Selected candidates will be required to attend at the Hospital for a personal interview.

## East Suffolk and Ipswich Hospital.

(400 Beds—8 Residents.)

Applications are invited from registered medical practitioners (Male or Female) for the following vacancies:—

HOUSE PHYSICIAN (B2), open to R practitioners who now hold A posts.

HOUSE SURGEON to GYNÆCOLOGIST (A).

HOUSE SURGEON to the EAR, NOSE, AND THROAT and OPHTHALMIC DEPARTMENTS (A).

CASUALTY OFFICER (A).

The above are open to R practitioners within three months of qualification.

Appointments for all posts will be for six months. Salary at the rate of £144 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, to be sent to the undersigned immediately.

ARTHUR GRIFFITHS, Secretary.

The Hospital, Ipswich, 8th February, 1941.

## Addenbrooke's Hospital, Cambridge.

APPOINTMENT OF HOUSE OFFICER TO THE EXAMINATION HALLS ANNEXE (A).

Applications are invited from registered medical practitioners (unmarried), Male and Female, for the appointment of House Officer to the Examination Halls Annexe (A) (100 Beds), to become vacant on March 1st, 1941, including R practitioners within three months of qualification. The appointment will be for a period of six months, but is terminable at an earlier date by one month's notice on either side. Salary is at the rate of £130 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than Wednesday, February 19th.

J. A. BEARDSALL, Secretary-Superintendent.

## Derbyshire Royal Infirmary, Derby.

(General Hospital, 416 Beds.)

Applications are invited from registered medical practitioners (Male and Female) for the appointment of an EAR, NOSE, AND THROAT HOUSE SURGEON (A), vacant now, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Otherwise it will be for a period of twelve months.

Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

ARTHUR TAYLOR, Superintendent and Secretary.

## Derbyshire Royal Infirmary, Derby.

(General Hospital, 416 Beds.)

Applications are invited from registered medical practitioners, Male and Female, for the appointment of a RESIDENT ANÆSTHETIST (A), now vacant, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be limited to six months. Otherwise it will be for a period of twelve months.

Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

ARTHUR TAYLOR, Superintendent and Secretary.

## Derbyshire Royal Infirmary, Derby.

(416 Beds.)

APPOINTMENT OF RESIDENT SURGICAL OFFICER AND ORTHOPÆDIC REGISTRAR (B1).

Applications are invited from registered medical practitioners for the appointment of Resident Surgical Officer and Orthopædic Registrar. Applicants should have held house appointments and had surgical experience. Salary is at the rate of £250. R practitioners holding B2 or B1 posts may apply.

Applications, stating age, nationality, qualifications, experience, and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent to the undersigned on or before February 21st.

ARTHUR TAYLOR, Superintendent and Secretary.

## County Borough of Preston.

SHAROE GREEN HOSPITAL. (250 Beds.)

ASSISTANT RESIDENT MEDICAL OFFICER (B1) (FEMALE).

Applications are invited from fully qualified and registered practitioners for the above appointment. Salary at the rate of £350, rising by annual increments of £25 to £450 per annum plus war bonus, with full board and residence.

Previous experience in midwifery is essential, the duties consisting mainly of obstetrical work (35 maternity beds are provided) with the addition of the clinical pathological work of the hospital.

Applications, stating age, qualifications and experience, together with copies of three recent testimonials, should reach the Medical Superintendent not later than first post on Saturday, 22nd February, 1941.

The successful candidate will be required to contribute to the Council's superannuation scheme.

## County Borough of Preston.

SHAROE GREEN HOSPITAL. (250 Beds.)

JUNIOR ASSISTANT RESIDENT MEDICAL OFFICER (FEMALE) (A).

Applications are invited from fully qualified and registered practitioners for the above appointment. Salary at the rate of £150 per annum. The appointment will be for a period of six months.

Applications, stating age, qualifications, experience and nationality, together with copies of three recent testimonials, should be forwarded to the Medical Superintendent, Sharoe Green Hospital, Fulwood, Preston.

## Manchester Victoria Memorial Jewish

HOSPITAL. (Non-Sectarian.)
Elizabeth-street, CHEETHAM.

Applications are invited from registered medical practitioners for the appointment of RESIDENT SURGICAL OFFICER (B1), at present vacant. Applicants should have held house appointments and had surgical experience. Preference will be given to candidates holding diploma of F.R.C.S. Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply. Salary is at the rate of £200 per annum.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than February 12th, 1941.

D. ROBERTS, Superintendent and Secretary.

## City of Portsmouth.

SAINT MARY'S HOSPITAL. (1275 Beds.)

Applications are invited for the immediate appointment of JUNIOR ASSISTANT RESIDENT MEDICAL OFFICERS (A posts). Applicants may include R practitioners within three months of qualification. If held by an R practitioner, appointment will be limited to six months, otherwise it will be for a period of twelve months. Salary at the rate of £200 per annum, with residential emoluments valued at £125 per annum.

The above appointments are subject to the provisions of the Local Government Superannuation Act, 1937.

Application forms may be obtained from, and must be returned to, the Medical Officer of Health, Northern Secondary School, Portsmouth, forthwith.

F. J. SPARKS, Town Clerk.

Municipal Offices, Royal Beach Hotel, Southsea,
29th January, 1941.

## Herefordshire General Hospital,

HEREFORD.
(152 Beds.)

Immediate applications are invited from registered medical practitioners (Male) for the appointment of a HOUSE SURGEON (A) in charge of CASUALTY and EAR, NOSE, AND THROAT DEPARTMENTS, including R practitioners within three months of qualification. The appointment will be limited to six months.

Candidates must be British by birth and nationality. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

T. W. UPTON, Secretary.

## County Mental Hospital, Prestwich,

MANCHESTER.

LOCUM TENENS MEDICAL OFFICER (B1) required at the above Hospital. Salary £7 7s. per week, with board, lodging, and laundry. Copy testimonials only must be sent.

Candidates must be unmarried and registered under the Medical Act. Appointment terminable by one week's notice on either side.

Apply as soon as possible, stating age, hospital and other experience, qualifications, and full particulars, to the MEDICAL SUPERINTENDENT.

## Ancoats Hospital, Manchester.

EAR, NOSE, AND THROAT DEPARTMENT.

Applications are invited from qualified medical practitioners, Gentleman or Lady, for the post of CLINICAL ASSISTANT to the above department. Attendance on Thursday afternoon at 2 o'clock to assist in the Outpatient department clinic, for which a payment of 10s. 6d. per attendance will be made.

Apply, stating age, qualifications, and experience, together with copies of three recent testimonials, to

HERBERT J. DAFFORNE,
General Superintendent and Secretary.

## Royal Buckinghamshire Hospital,

AYLESBURY.

Applications are invited for the post of HONORARY MEDICAL-OFFICER-IN-CHARGE of the ELECTRO-THERAPY AND MASSAGE DEPARTMENT. Duties will include holding of regular weekly out-patient clinic. Further information, if desired, may be obtained from the SECRETARY, Royal Buckinghamshire Hospital, Aylesbury, to whom applications, stating age, qualifications, etc., supported by two recent testimonials, should be sent not later than 28th February, 1941.

## City and County of Bristol.

DEPARTMENT OF PUBLIC HEALTH.

HAM GREEN HOSPITAL AND SANATORIUM.

APPOINTMENT OF ASSISTANT RESIDENT MEDICAL OFFICER (B1).

Applications are invited from registered medical practitioners for the appointment of an Assistant Resident Medical Officer. Applicants should have held house appointments. Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply. Salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent to the undersigned forthwith.

R. H. PARRY, Medical Officer of Health.

Department of Public Health, 40, Prince-street, Bristol, 1,
22nd January, 1941.

## Bristol Eye Hospital.

Applications are invited from registered medical practitioners for the appointment of JUNIOR RESIDENT OPHTHALMIC HOUSE SURGEON (B2), vacant immediately, including R practitioners who now hold A posts. If held by an R practitioner the appointment will be limited to six months. Otherwise the senior post will be available for a further period of six months. The salary of Junior House Surgeon is at the rate of £100 per annum and that of the Senior post at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, accompanied by three recent testimonials, should be sent to the undersigned as soon as possible.

D. M. BABER, Secretary and House Governor.

## Chesterfield and North Derbyshire

ROYAL HOSPITAL.
(Total 380 Beds.)

APPOINTMENT OF A RESIDENT HOUSE PHYSICIAN (A).

Applications are invited from registered Male medical practitioners for the appointment of a Resident House Physician (A), vacant now. R practitioners within three months of qualification may apply, when appointment will be limited to six months.

Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

M. H. BOONE, House Governor and Secretary.

8th January, 1941.

## County Borough of Bury.

CIVIL DEFENCE SERVICES IN THE PUBLIC HEALTH DEPARTMENT.

Applications are invited from fully qualified registered medical men for the full-time appointment of an ASSISTANT MEDICAL OFFICER OF HEALTH (Part-time) in connexion with the Council's Scheme for Air-raid Precautions and with the work in the Public Health Department, at a salary of £550 per annum.

The officer appointed will assist the Medical Officer of Health in the control and administration of the Civil Defence Medical Services and in work at the Public Health Clinic.

The appointment will be for the period of the war subject to satisfactory service, but may be terminated by three months' notice given by either party.

There is no form of application, but applicants must state fully their experience in control and administrative work and in general medicine.

Applications should be forwarded, together with copies of three recent testimonials, to the undersigned, not later than Saturday, the 15th February, 1941.

RICHARD MOORE, Town Clerk.

Municipal Offices, Bank-street, Bury,
31st January, 1941.

## Grimsby and District Hospital.

APPOINTMENT OF HOUSE PHYSICIAN (A).

Applications are invited from Male registered medical practitioners for the appointment of a House Physician (A), including R practitioners within three months of qualification. If held by an R practitioner, appointment will be limited to six months. Salary is at the rate of £175 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

H. B. COATES, Secretary-Superintendent.

January 13th, 1941.

## Manchester and Salford Hospital for

SKIN DISEASES.
(54 Beds.—15,000 Outpatients per annum.)

HOUSE SURGEON (A).

Applications are invited, including R practitioners within three months of qualification, for the post of House Surgeon (A). Must be registered. The appointment is for six months. Salary at the rate of £150 per annum, with board and residence.

Applications, with copies of three testimonials, to be sent to the undersigned, Quay-street, Manchester, as soon as possible.

JOHN NALL, Secretary.

## County Borough of Middlesbrough.

HEALTH DEPARTMENT.

Applications are invited for the position of SENIOR ASSISTANT RESIDENT MEDICAL OFFICER (B1) (unmarried) at the HOLGATE MUNICIPAL HOSPITAL, Ayresome Green-lane, Middlesbrough, the salary to be at the rate of £500 per annum, plus board, residence, and laundry. Suitably qualified R practitioners now holding B2 or B1 posts may apply.

Applicants must be duly qualified medical practitioners with practical experience of the treatment of Venereal Diseases.

The appointment will be subject to the approval of the Ministry of Health and the successful candidate will act under the general supervision of the Medical Superintendent and will be required to undertake such duties of a medical or surgical nature in the public health services of the County Borough as may be assigned to him by the Medical Officer of Health.

The appointment is terminable by three months' notice in writing on either side. The appointment is also subject to the provisions of the Local Government Superannuation Act, 1937, and the successful candidate will be required to undergo a satisfactory medical examination and conform to the Corporation's Regulations in force for the time being.

Applications, endorsed "Senior Resident Medical Officer," stating age, nationality, qualifications, present appointment, previous experience, and accompanied by three recent testimonials, to be sent to the Medical Officer of Health, Municipal Buildings, Middlesbrough, not later than Saturday, February 15th, 1941.

PRESTON KITCHEN, Town Clerk.

Municipal Buildings, Middlesbrough, January 21st, 1941.

## County Borough of Middlesbrough.

ST. LUKE'S HOSPITAL.

A LOCUM TENENS MEDICAL OFFICER (B1) is required for the above Mental Hospital. Candidates must not be eligible for service with H.M. Forces. The salary offered is £9 9s. per week, with board and lodging and washing.

Preference will be given to those with Mental Hospital experience.

Applications should be submitted at once, accompanied by three references, to the Medical Superintendent at the above Mental Hospital

PRESTON KITCHEN, Clerk to the Visiting Committee.

Municipal Buildings, Middlesbrough, 28th January, 1941.

## North Riding Infirmary, Middlesbrough.

(General Hospital—143 Beds—Three Residents.)

Applications are invited from registered medical practitioners, including R practitioners within three months of qualification, for the appointment of CASUALTY HOUSE SURGEON (A) to become vacant on February 1st next. Salary £150 per annum, with board, residence, and laundry. Appointment will be for six months.

Applications, stating age, qualifications, and accompanied by copies of recent testimonials, should be sent to the undersigned forthwith.

GERALD A. KENYON, Secretary-Superintendent.

## King George's Sanatorium for Sailors,

LIPHOOK, HANTS.
(Seamen's Hospital Society for the treatment of Male Cases of Pulmonary and Non-Pulmonary Tuberculosis.)

Applications are invited from registered medical practitioners (Male or Female) for the appointment of ASSISTANT MEDICAL OFFICER (B2), to become vacant on 1st March, including R practitioners who now hold A posts. If held by an R practitioner, the appointment will be limited to six months. Salary £250 per annum, with full residential emoluments valued at £120 per annum.

Applications, stating age, qualifications, and experience, with copies of recent testimonials, to be sent immediately to the undersigned.

F. A. LYON, Secretary.

Seamen's Hospital Society, Greenwich, S.E.10.

## Doncaster Royal Infirmary.

(Total 385 Beds.)
(Recognised under the Regulations for the D.O.)

Applications are invited from registered medical practitioners, including R practitioners within three months of qualification, for an EYE HOUSE SURGEON (Male) (A) immediately.

The appointment is for six months.

Salary at the rate of £175 per annum, with residence, board, and laundry.

This large industrial area offers excellent opportunities for gaining experience.

Applications, accompanied by not more than three testimonials, to be sent to the undersigned immediately.

R. LANCASTER, Secretary-Superintendent.

## Exminster Hospital, Exminster,

Near EXETER, DEVON.

Applications are invited for the appointment of a HOUSE SURGEON (A) (Male) under the Hospital Scheme, including R practitioners within three months of qualification, when the appointment will be for a period of six months. Salary £200 per year, all found.

Apply immediately to the MEDICAL SUPERINTENDENT, the Hospital, Exminster, Near Exeter, enclosing three copies of recent testimonials.

## City of Manchester.

WITHINGTON HOSPITAL. (1165 Beds.)
(Reorganised under the Regulations for the F.R.C.S.)

APPOINTMENTS OF
(1) RESIDENT ASSISTANT MEDICAL OFFICER (B2)
AND
(2) RESIDENT ASSISTANT OBSTETRICAL OFFICER (B2).

Applications are invited from registered medical practitioners, Male and Female, for the above appointments, including R practitioners who now hold A posts. If held by R practitioners, the appointments will be limited to six months. Otherwise they will be for a period of twelve months.

The duties of the first-mentioned appointment (1) are of a surgical nature and candidates must have had experience in surgery. This post will become vacant in mid-March, 1941.

The Assistant Obstetrical Officer's post (2) will become vacant on April 14th, 1941.

The salary for each post is at the rate of £250 per annum, with full residential emoluments, subject to the Manchester Corporation conditions of service.

Full information and forms of application may be obtained from the Medical Officer of Health, Hospitals Administration Section, P.O. Box 399, Town Hall, Manchester, 2, and applications for the posts must be received by him not later than March 3rd, 1941.

Canvassing in any form is prohibited.

R. H. ADCOCK, Town Clerk.

Town Hall, Manchester, 2, January 25th, 1941.

## Ancoats Hospital, Manchester, 4.

APPOINTMENT OF RESIDENT CASUALTY OFFICER (B1).

Applications are invited from registered medical practitioners for the above appointment; suitably qualified R practitioners holding B2 or B1 posts may apply. Applicants holding the Primary Fellowship Diploma of the Royal College of Surgeons preferred. The successful applicant will take duty for the Resident Surgical Officer at alternate week-ends and on his off-duty evenings. Salary at the rate of £150 per annum, plus a cost-of-living bonus of 10 per cent., with board, apartments, &c.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, accompanied by copies of three recent testimonials, to be forwarded to the undersigned not later than 12th February next.

HERBERT J. DAFFORNE,
General Superintendent and Secretary.

## City of Birmingham.

MATERNITY AND CHILD WELFARE DEPARTMENT.

CANWELL HALL BABIES' HOSPITAL.
(84 Beds.)

A WOMAN RESIDENT MEDICAL OFFICER is required for a period of six months, duties to commence not later than March 1st, 1941.

Salary £250 per annum, with board and laundry.

Applications, endorsed "Resident Medical Officer" and accompanied by copies of three recent testimonials, to be made on a form obtainable from the Medical Officer of Health, Council House, Birmingham, 3, and returned to him on or before Friday, February 14th.

## Lincoln County Hospital.

Applications are invited from registered Medical Practitioners, Male, unmarried, including R Practitioners within three months of qualification, for the appointment of JUNIOR HOUSE SURGEON (A). The appointment is for six months. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, nationality, medical school and qualifications with dates, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

ARTHUR MOORE, Secretary-Superintendent.

Lincoln, 25th January, 1941.

## The Gloucestershire Royal Infirmary

AND EYE INSTITUTION.
(239 Beds. 6 Residents.)

Applications are invited from registered medical practitioners (Male), including R practitioners within three months of qualification, for the appointment of a HOUSE SURGEON (A), to become vacant on February 18th.

The appointment is for six months. Salary at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned at once.

F. J. SYMONS, Secretary.

January 25th, 1941.

## Bedford County Hospital.

Applications are invited from registered medical practitioners, Male, for the appointment of a HOUSE SURGEON (B2), to become vacant on February 10th, 1941, including R practitioners who now hold A posts. If held by an R practitioner the appointment will be limited to six months. Salary at the rate of £155 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the SECRETARY, Hon. Medical Staff Committee, as soon as possible.

## Southern Rhodesia Government Medical

SERVICE.

MORE DOCTORS WANTED FOR SOUTHERN RHODESIA.

Applications are invited from fully qualified Male medical practitioners with surgical experience for appointment as Government Medical Officers in the Southern Rhodesia Medical Service.

Salary will be on the scale £600–£25–£750 per annum. There is also a senior grade (£750–£25–£900) to which promotions are made as vacancies occur. Salary will commence from the date of assumption of duty in Southern Rhodesia. In addition, private practice is allowed.

The successful applicants will be required to sign an agreement for three years' service in the first instance, and thereafter may make application to be placed on the pensionable establishment.

A free second-class steamship passage to Cape Town and first-class railway ticket thence to Southern Rhodesia will be provided.

Canvassing, either directly or indirectly, will disqualify applicants.

The applicants should state the date on which they would be prepared to leave England if appointed.

Applications, stating age, qualifications and experience, together with copies of testimonials, should be forwarded to the Official Secretary, Office of the High Commissioner for Southern Rhodesia, Rhodesia House, 429, Strand, London, W.C.2 (from whom further particulars and application form may be obtained).

## Victoria Hospital, Accrington.

HOUSE SURGEON (A).

Applications are invited from registered Medical Practitioners (Male or Female) for appointment of House Surgeon (A), including R Practitioners within three months of qualifying. If held by an R Practitioner, appointment limited to six months. Salary rate £175 per annum, with full residential emoluments.

Application, stating age, qualifications, and nationality, and accompanied by copies of three recent testimonials, to be sent to undersigned.

J. KENYON, Financial Secretary.

## The Children's Hospital, Sheffield

(INC.) (157 Beds.)

Applications are invited from registered medical practitioners, Male and Female, for the appointment of HOUSE SURGEON (A), to become vacant on 1st February, 1941, including R practitioners within three months of qualification. Appointment is for a period of six months. Salary at the rate of £100 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

T. H. G. GARTLAND, Superintendent and Secretary.

## Summersdale Hospital,

GRAYLINGWELL, CHICHESTER.

APPOINTMENT OF HOUSE SURGEON AND HOUSE PHYSICIAN (A Posts).

Applications are invited from registered medical practitioners for the above posts (A), including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Otherwise it will be for a period of six months in the first instance. Salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the MEDICAL SUPERINTENDENT as soon as possible.

## Worthing Hospital.

Applications are invited from registered medical practitioners for the temporary appointment of an HONORARY GENERAL SURGEON (B2) during war-time.

Candidates should forward applications, stating age, nationality, qualifications, and experience, accompanied by testimonials, to the undersigned no later than February 14th, 1941.

A. V. OAKTON, House Governor.

## Newark General Hospital.

(66 Normal Beds.)

Applications are invited from registered medical practitioners (Male), including R practitioners within three months of qualification, for appointment of JUNIOR HOUSE SURGEON (A), now vacant. The appointment is for six months. Salary at the rate of £175 per annum, with full residential emoluments.

Applications, stating age, nationality, qualifications with dates, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

B. C. DION, Secretary-Superintendent.

## Broadmoor Criminal Lunatic Asylum,

CROWTHORNE, BERKS.

Applications are invited from registered medical practitioners, Male, for the post of TEMPORARY JUNIOR MEDICAL OFFICER at the above institution. Salary is at the rate of £525 per annum, with furnished quarters and attendance, but not board.

Applications, stating age, nationality, and qualifications, and accompanied by copies of three recent testimonials, should be sent to the MEDICAL SUPERINTENDENT as soon as possible.

## Derbyshire County Council.

DERBYSHIRE SANATORIUM, Near CHESTERFIELD.

TEMPORARY JUNIOR RESIDENT ASSISTANT MEDICAL OFFICER (B1).

Applications are invited from registered medical practitioners for the appointment of a Temporary Junior Resident Assistant Medical Officer at the Derbyshire County Sanatorium. Applicants should have held house appointments and previous experience of tuberculosis will be preferred. Experience of artificial pneumothorax work will be considered an additional qualification.

Candidates must be single. Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply.

Salary at the rate of £350 per annum, rising by annual increments of £25 to £450 per annum, together with board, lodging, &c.

The successful candidate will devote the whole of his time to the duties of the office.

The appointment will be subject to the provisions of the Local Government Superannuation Act, 1937, and the person appointed will be required to pass a medical examination.

Application forms may be obtained from the undersigned, to whom they must be returned, together with copies of not more than three recent testimonials, on or before February 15th, 1941.

The appointment will be terminated by one month's notice on either side.

W. M. ASH, County Medical Officer.

New County Offices, Derby, January 27th, 1941.

## Nottingham General Hospital.

(501 Beds.)

Applications are invited from registered medical practitioners (Male and Female), including R practitioners within three months of qualification, for the appointment of a HOUSE SURGEON (A) for the above Hospital. Duties to commence on or about February 15th.

The appointment is for six months. Salary at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and copies of testimonials, should be sent to the undersigned.

HENRY M. STANLEY, House Governor and Secretary.

## Royal Berkshire Hospital, Reading.

Applications are invited from registered medical practitioners (Male), for the appointment of RESIDENT ANÆSTHETIST (B2), to become vacant on March 1, 1941, including R practitioners who now hold A posts.

The appointment is for six months.

A salary of £250 per annum, with board, residence, and laundry, will be paid to the candidate possessing suitable qualifications for the post.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

H. E. RYAN, Secretary and House Governor.

## The Guest Hospital, Dudley.

(The Resident Staff consists of a Resident Surgical Officer and Three House Surgeons.)

Applications are invited from registered medical practitioners, Male, for the appointment of a HOUSE SURGEON (A) now vacant, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Salary at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned forthwith.

H. RAYMOND HURST, House Governor and Secretary.

31st January, 1941.

## The Staffordshire General Infirmary,

STAFFORD.

Applications are invited from registered medical practitioners, Male and Female, for the appointment of HOUSE SURGEON (A), to commence duties immediately, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Salary £175 per annum, with board-residence.

Applications, stating age, qualifications, and experience, accompanied by copies of three recent testimonials, should be sent to me forthwith.

A. E. COLLINS, Secretary.

Stafford, 3rd January, 1941.

## Exeter City Hospital M.S.

APPOINTMENT OF HOUSE SURGEON (A).

Applications are invited from registered medical practitioners (Male) for the appointment of House Surgeon (A) to become vacant on 1st February, 1941, including R practitioners within three months of qualification. The appointment will be limited to six months. Salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned forthwith.

G. B. PAGE, Medical Officer of Health.

5, Southernhay West, Exeter, 16th December, 1940.

## The Southampton Children's Hospital,

AND DISPENSARY FOR WOMEN.

APPOINTMENT OF A RESIDENT MEDICAL OFFICER (A).

Applications are invited from registered medical practitioners, Female, for the appointment of a Resident Medical Officer (A), to become vacant on February 28th.

Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

ELLA K. MATTHEWS, Secretary.

## City of Salford.

APPOINTMENT OF MEDICAL OFFICER OF HEALTH.

Applications are invited from duly qualified persons for appointment to the position of Medical Officer of Health at an inclusive commencing salary of £1200 per annum, rising by three annual increments of £60 and one of £25 to a maximum of £1405 per annum.

The salary is subject to a cost of living bonus in accordance with the recommendation dated 1st February, 1940, of the National Joint Council for Local Authorities' Administrative, Technical and Clerical Services.

The appointment is subject to the provisions of the Local Government Superannuation Act, 1937.

Forms of application will not be issued, but Conditions of Appointment will be supplied by the Town Clerk upon receipt of a stamped-addressed envelope.

Applications endorsed "Medical Officer of Health" must be forwarded to reach the Town Clerk, Town Hall, Salford 3, not later than 12 o'clock noon on Friday, 21st February, 1941.

APPOINTMENT OF MEDICAL SUPERINTENDENT OF HOPE HOSPITAL.

Applications are invited for appointment to the position of Medical Superintendent of Hope Hospital, which is a Municipal General Hospital, at an inclusive commencing salary of £1000 per annum, rising by biennial increments of £50 to a maximum of £1100 per annum.

The salary is subject to a cost of living bonus in accordance with the recommendation dated 1st February, 1940, of the National Joint Council for Local Authorities' Administrative, Technical and Clerical Services.

The appointment will be non-resident in the first instance, but the person appointed will be required to reside in the vicinity of the Hospital. An unfurnished house, with rent, rates, fuel and light free, may be provided by the Corporation at a later date, and the cash remuneration will then be reduced by £150 per annum in respect of these emoluments.

The Medical Superintendent will work under the general supervision and control of the Medical Officer of Health.

The appointment is subject to the provisions of the Local Government Superannuation Act, 1937.

Forms of application and Conditions of Appointment may be obtained from the Medical Officer of Health, 143, Regent Road, Salford.

Forms of application, when completed, must be endorsed "Medical Superintendent of Hope Hospital," and forwarded to reach the Medical Officer of Health not later than 12 o'clock noon on Friday, 21st February, 1941.

H. H. TOMSON, Town Clerk.

## Birmingham Accident Hospital and

REHABILITATION CENTRE.

CLINICAL DIRECTOR.

The Provisional Board of the Hospital invite applications for the above appointment from medical practitioners registered in this country and being Fellows of the Royal College of Surgeons of England or Edinburgh.

The Queen's Hospital, Birmingham, is to be adapted, fully equipped and staffed for 280 beds specially devoted (after the manner of Dr. Bohler's Clinic) to the treatment of fractures, injuries of the soft parts and burns, and will incorporate a centre for the rehabilitation of patients.

Applicants, with experience of the direction of a similar hospital or clinic, should have special training in the treatment of fractures and other injuries and preferably should not be more than 45 years of age.

The person appointed will be responsible—

(1) To the Board for the direction of all clinical services in the Hospital.

(2) For the teaching of medical students and for such post-graduate teaching as may be desirable, in association with the Medical Faculty of the University of Birmingham.

(3) For the training of first-aid workers as may be arranged.

The commencing salary will be £1,500 per annum. All fees, with certain exceptions, received by the Director will be paid into the Hospital's funds. Provision will be made for superannuation. The appointment will be determinable by three months' notice on either side.

Members of the medical profession serving with the Emergency Medical Service may apply.

Candidates must address their applications, marked "Clinical Director," stating qualifications, experience and age, together with copies of three recent testimonials and the names of at least two assessors who have personal knowledge of the candidate, to the undersigned so as to be received not later than 31st March, 1941.

Canvassing either directly or indirectly will disqualify applicants.

A. J. G. SMOUT, Chairman.

Birmingham Accident Hospital, 161, Corporation Street, Birmingham, 4, 28th January, 1941.

## The Royal Hospital, Wolverhampton.

(Incorporated under Royal Charter.)
(310 Beds.)

Applications are invited for the post of ASSISTANT MEDICAL OFFICER (A) at The Royal Hospital, Wolverhampton. Salary at the rate of £150 per annum, with allowance for board. R practitioners within three months of qualification may apply, when appointment will be limited to six months.

The duties of the post, which will be those of the Senior Resident Officer in the Department of Medicine, may be obtained from the undersigned.

Applications should be received not later than the 24th inst.

W. H. HARPER, House Governor.

Wolverhampton, 3rd February, 1941.

## Weston-super-Mare Hospital.

(150 Beds.)

HOUSE SURGEON (A).

Applications are invited from medical practitioners (Male) for the appointment of a House Surgeon (A). R practitioners within three months of qualification may apply, when the appointment will be limited to six months. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three testimonials, should be addressed to the undersigned.

LESLIE J. FURSLAND, Secretary.

## Wrexham & East Denbighshire War

MEMORIAL HOSPITAL.
(206 Beds.)

Applications are invited from registered medical practitioners (Male or Female) for the appointment of Three RESIDENT HOUSE SURGEONS (A), to become vacant on March 1st, 1941, including R practitioners within three months of qualification. The appointments are for a period of six months. Salary £150 per annum, with full residential emoluments.

Applications, stating age, nationality, experience, and qualifications, with copies of three recent testimonials, to be sent to the undersigned immediately.

LESLIE SPENCER, Secretary.

February 3rd, 1941.

## Royal Sussex County Hospital,

BRIGHTON. (375 Beds.)

APPOINTMENT OF A HOUSE SURGEON (A).

Applications are invited from registered medical practitioners (Male), including R practitioners within three months of qualification, for the appointment of a House Surgeon (A) to become vacant about 22nd March, 1941. If held by an R practitioner, appointment will be for a period of six months; otherwise it will be for a period of at least six months. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent as soon as possible to the undersigned.

L. L. W. LANCASTER-GAYE, Secretary-Superintendent.

## Preston and County of Lancaster

QUEEN VICTORIA ROYAL INFIRMARY.
(General Hospital. 404 Normal Beds.)

Applications are invited from single medical Men, including R practitioners holding A posts, for the post of CASUALTY OFFICER (B2) for six months, vacant now. Salary at the rate of £175 per annum, with the usual residential emoluments. Total resident staff, nine.

Applications, stating age, qualifications with dates, nationality, and present post, accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

JOHN GIBSON, Superintendent and Secretary.

## Devizes and District Hospital, Wilts.

(92 Beds.)

RESIDENT MEDICAL OFFICER (A).

Applications are invited from registered medical practitioners, including R practitioners within three months of qualification, when the appointment will be limited to six months, for Resident Medical Officer at the above Hospital, for the treatment of medical and surgical cases. Salary at the rate of £150 per annum, with full residential emoluments. The appointment is for a period of not less than six months.

Applications, stating age, nationality, qualifications with dates, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

R. E. MADDOX, Secretary.

## Cheltenham General and Eye Hospitals.

(176 Beds—4 Residents.)
Recognised for the F.R.C.S., D.L.O., and D.O.M.S. Examinations.

The Board of Management invite applications for the post of HOUSE SURGEON (Male) (A) at the General Hospital, now vacant, owing to call-up.

Candidates must be of British nationality and fully qualified. R practitioners within three months of qualification, when appointment will be limited to six months.

Salary £150 per annum, with board, lodging, and laundry.

Applications, with copies of testimonials, to be sent in sealed envelopes marked "House Surgeon" to the undersigned as soon as possible.

J. CUMMING SMITH, F.C.I.S., F.H.O.A., Secretary.

The General Hospital, Cheltenham, 3rd February, 1941.

## Royal Sheffield Infirmary and Hospital.

THE ROYAL INFIRMARY, SHEFFIELD, 6.

Applications are invited from registered medical practitioners (Male and Female) for the following appointments:

HOUSE SURGEON (A)
HOUSE PHYSICIAN (A)

now vacant, including R practitioners within three months of qualifications. The appointments will be tenable for six months. Salary is at the rate of £80 per annum, with full residential emoluments.

Applications, stating age, qualifications, with dates and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned forthwith.

H. KINGSLEY PEARCE,
General Superintendent and Secretary.

4th February, 1941.

## County Borough of Brighton.

JUNIOR RESIDENT MEDICAL OFFICER (B2) AT INFECTIOUS DISEASE HOSPITAL AND SANATORIUM.

Applications are invited for the above appointment from registered medical practitioners. In the case of Male applicants this includes R practitioners now holding A posts.

Salary £250 per annum, with residential emoluments.

The appointment affords opportunities for experience in all branches of the work of a Public Health Department, including some Civil Defence duties.

Particulars and forms of application can be obtained from the undersigned and should be returned forthwith.

RUTHERFORD CRAMB, Medical Officer of Health.

Royal York Buildings, Brighton, 1, 3rd February, 1941.

**Industrial Medical Officer.** Wholetime Industrial Medical Officer wanted for group of Engineering Works in the Midlands with headquarters in Birmingham. Candidates should preferably be between thirty and thirty-five years of age and ineligible for military service.

Commencing salary not less than £700 per annum.

Applications to be submitted immediately to: Address, No. 764, THE LANCET Office, 7, Adam-street, Adelphi, London, W.C.2.

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**"HANDY" TEMPERATURE CHART** (Morning and Evening). Arranged for three weeks. 10½ in. × 8 in.
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**HÆMATOLOGICAL CHART.** Specially arranged to record Red Corpuscles, Hæmoglobin and Leucocytes, and the Differential Count per cent. 13½ in. × 8½ in. 40s. per 1000; 22s. 6d. per 500; 12s. 6d. per 250; 5s. 6d. per 100; 3s. per 50; 1s. 9d. per 25; or 1s. per dozen.

**CLINICAL CHART.** Specially designed for use with the VISITING LIST. 18s. per 1000; 9s. 6d. per 500; 5s. per 250; 2s. 3d. per 100; 6d. per dozen. This Chart measures 6 in. × 3 in., and is arranged for four weeks.

**ARTIFICIAL LIGHT CHART.** Designed by Dr. KATHERINE M. L. GAMGEE. £3 10s. per 1000; £1 17s. 6d. per 500; £1 per 250; 9s. per 100; 5s. per 50; 2s. 9d. per 25; 1s. 6d. per dozen. Size 13 in. × 8 in.

ALL CHARTS CARRIAGE FREE IN THE BRITISH ISLES. SPECIMENS OF ANY CHART POST FREE.

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INFLAMED AND ENLARGED

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The results are to be found in the consistently high quality of

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# OUR SERVICE TO DOCTORS AND THEIR DEAF PATIENTS!

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*Particulars gladly sent and Tests are made at Aurists, Doctors' patients, Hospital, or any of our addresses. Medical Press Reports are interesting. 10 Medals, 5 Diplomas. Supplied under National Health Insurance.*

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**English Trade Mark No. 278477 (1905)**

## The Safest and most Reliable Local Anæsthetic for all Surgical Cases

**Does not contain Cocaine, and does not come under the Dangerous Drugs Act.**

*Supplied in*

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Benger's Food unlocks all the goodness of milk for assimilation by the weakest digestion.

Milk itself, as soon as it comes into contact with the gastric juice, forms heavy curd, and it is through inability to digest this heavy curd that many children become under-nourished. But when milk is prepared with Benger's Food it forms very finely divided flocculi easy to digest and assimilate. In this way backward children and infants obtain the full nourishment of fresh milk. Benger's is a unique Food. It contains natural pancreatic enzymes. These become active as soon as hot milk is poured on to the Food, modifying the milk protein and at the same time converting the starch in the wheaten base of Benger's Food to dextrins, dextri-maltoses, and maltose.

For the special nourishment of backward children Benger's is always indicated. Physician's sample and full particulars post free.

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Regd. Trade Mark.

*"Benger's Food we have found of real use in quite young infants who were going progressively backwards or were stationary on other foods."*—**Rotunda Practical Midwifery.**

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*The Benger Laboratories are always at the disposal of the medical profession in any of their dietetic problems.*

RECOMMENDED BY DIETITIANS AS A GOOD DIGESTIVE AND SOURCE OF ENERGY

# MACVITA

*A crisp and nourishing product of English Wheat!*

MADE ONLY BY McVITIE AND PRICE

# For That Extra Margin of Safety—

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## SHADOWLESS LAMP

**WITHOUT WHICH NO OPERATING THEATRE IS FULLY EQUIPPED**

Provides an intense, shadowless, cool and diffused light, allowing the surgeon to see clearly and distinctly throughout the operation. Can be adjusted by a touch. Special Safety Suspensions. Easy to instal. Low maintenance. No glass mirrors to break or require adjustment. Outer glass of non-splinterable safety type.

*Installed by most leading Hospitals, Infirmaries and Institutions throughout the country, including those of the LONDON COUNTY COUNCIL.*

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**KELVIN, BOTTOMLEY & BAIRD**
**LIMITED**

# *Vagotonia....*

*with the spastic condition which it sets up in the digestive tract, and its tendency to produce excessive acidity in the stomach*

This is the frequent outcome of the fears and anxiety caused by conditions of war, and the strain of protracted effort.

***Magsorbent with Atropine Tablets*** successfully combat these irregularities, combining the following advantages :—

1. A corrective control over the general vagotonic state.
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3. The prolonged antacid action and adsorptive properties characteristic of Magsorbent.

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# *Resistance to Disease by Dietary*

*"In young children it is logical to supplement a diet suspected of being deficient by the addition of Vitamin D and calcium salts and even to prescribe these in proper dosage for any child with the hope . . . of improving the structure of its teeth to such an extent as to give them a higher resistance to disease."* ("Lancet" Editorial, July 16th, 1938, page 147)

There is an impressive weight of evidence, that our dietary does not always contain the optimum amounts of calcium required for normal health, especially in the cases of expectant and nursing mothers and during the years of growing childhood and adolescence.

Calcilac has been prepared to fulfil the essentials of palatability, solubility and food. A pleasant full-cream chocolate-flavoured milk, it contains easily assimilable calcium salts (as gluconate) and natural vitamins A and D.

Calcilac is indicated as a supplementary food in the dietary of children for the prevention of dental caries and for all cases of calcium deficiency, e.g., chilblains, brittle finger-nails, rickets.

**INDICATIONS**
Calcium deficiency
Dental caries
Rickets

| ANALYSIS | % |
|---|---|
| Fat | 5.5 |
| Protein | 20.0 |
| Lactose | 23.5 |
| Cane sugar | 26.5 |
| Other carbohydrates | 12.5 |
| Mineral salts | 4.5 |
| Calcium gluconate | 5.0 |
| Moisture | 2.5 |
| | 100.0 |

Calorific value per oz. 110

**Calcilac**

**COUPON** To COW & GATE LTD., Guildford, Surrey.
Please send me, post free, literature and clinical samples of Calcilac.

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Gale's

# 'MORELIX'

REGD.

'Morelix' is the ideal *nutritious vitamin tonic.* It is an elegant preparation of the principal constituents of Cod Liver Oil with Extract of Malt, Compound Hypophosphites, and an Aromatic Elixir of Virginian Prune. It does not derange delicate stomachs, but rather aids digestion. It is invaluable for strengthening the enfeebled constitution of convalescent, juvenile and aged patients.

'Morelix' is also supplied in combination with Guaiacol and Creosote if desired.

SAMPLES AND PRICE LIST ON APPLICATION

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*For the treatment of*

**Amenorrhoea, Menstrual Irregularities, Climacteric Disturbances, Uterine Inertia, &c.**

***Supplied in oil solution for injection —in strengths of 1000 to 50000 international benzoate units per c.c.***

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# "FELLOWS"

TRADE MARK

COMPOUND SYRUP OF HYPOPHOSPHITES

**helps to overcome the devitalizing effects of respiratory infections, pregnancy, dietary deficiencies; and it is an excellent appetite stimulant. This dependable, bitter, and reconstructive Tonic contains valuable mineral salts; and it has been prescribed by doctors the world over for more than 60 years.**

**Such care is devoted to the preparation of Compound Syrup of Hypophosphites "Fellows" that only by making sure of the name "FELLOWS" can you be certain of the same unvarying quality.**

**Samples on Request**

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# Relief of Fatigue

**Psychological Stimulation** **Amelioration of Mood**

The three most consistent effects of 'Benzedrine' Brand Tablets are: psychological stimulation, amelioration of mood, and the alleviation of fatigue. The compound, therefore, has important possibilities as an emergency measure for those whose activities require an unusual expenditure of mental and physical energy.

Moreover, it has proved extremely beneficial in certain types of 'war neurosis,' characterised by mental apathy, depression and exhaustion.

Other indications include: Post-encephalitic Parkinsonism, narcolepsy, alcoholism, drug addiction and dysmenorrhœa.

**'BENZEDRINE'**
*Brand*
**TABLETS**

Each tablet contains 5 mg. β-aminoisopropylbenzene sulphate (amphetamine sulphate)

MENLEY & JAMES LTD.
123, COLDHARBOUR LANE, LONDON, S.E. 5

Samples and literature will be sent on the *signed* request of physicians

BT. 2

*Renewed*
# DRIVING FORCE

**CARDOPHYLIN**, a specially prepared combination of theophylline and ethylenediamine; produces coronary dilatation and benefits the heart by increasing its blood supply.

**CARDOPHYLIN** gives fresh vigour to the tired heart. Its use is indicated in Cheyne-Stokes breathing, angina pectoris, cardiac asthma, myocardial degeneration. It is also a powerful and safe diuretic.

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AMPOULES
SUPPOSITORIES

LITERATURE AND SAMPLES ON REQUEST

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(THEOPHYLLINE-ETHYLENEDIAMINE)

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*A supply for clinical trial with full descriptive literature sent free on request.*

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contains sterile vaccine filtrates (antivirus) of all the common strains of **STAPHYLOCOCCI, STREPTOCOCCI** and **B. PYOCYANEUS** in a lanoline-zinc-ichthyol base

**STOPS SEPTIC DEVELOPMENT WHILST HEALING**

**SPECIFIC AGAINST** the micro-organisms causing abscesses, boils, eczema, dermatitis, erysipelas, hæmorrhoids, impetigo, ulcers and all inflammatory cutaneous affections. **ANTIPEOL LIQUID** for infections of the ear, septic cavities and suppurating wounds

## ★ OPHTHALMO-ANTIPEOL

contains, in a semi-fluid base, the sterile vaccine filtrates of **STAPHYLOCOCCI, STREPTOCOCCI, B. PYOCYANEUS, PNEUMOCOCCI FRAENKEL AND GONOCOCCI**

INDICATIONS: Conjunctivitis, blepharitis, keratitis, dacriocystitis, and all inflammatory conditions and lesions of the eye

## ★ RHINO-ANTIPEOL

a nasal immunising cream, contains Antipeol Liquid as well as the antivirus and autolysins of **PNEUMOCOCCI, PNEUMO-BACILLI, ENTEROCOCCI, M. CATARRHALIS, B. PFEIFFER,** and calmative and decongestive ingredients

INDICATIONS: Coryza, rhinitis, hay fever, catarrh, influenza, colds and other naso-pharyngeal infections

## ★ ENTEROFAGOS (ORAL)

polyvalent bacteriophages specific against 132 strains of micro-organisms common to infections of the gastro-intestinal tract, kidneys and bladder. **RAPIDLY EFFECTIVE RESULTS** in enteritis, dysentery, colitis, diarrhœas, B. coli infections, typhoid and para-typhoid fevers, and other intestinal and para-intestinal infections. Oral administration. No reactions. No shock

## ★ DETENSYL

vegeto—polyhormonic hypotensor ensures gentle and regular reduction of arterial tension

INDICATIONS: High blood pressure, arthritis, arteriosclerosis, palpitation, ocular and auditory troubles of hypertension. No contra-indications

*CLINICAL SAMPLES AND LITERATURE FROM*

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# SEASONABLE PREPARATIONS

## ELIXIR TERPO-CODEIN. CO.

(DUNCAN)

A pleasantly flavoured palatable elixir containing Terpin Hydrate and Codeina Phosphate, which is most suitable for the treatment of coughs in cases of Phthisis, Bronchitis, Catarrh, &c.

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## ELIXIR VITATONE

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**A constructive tonic**

This elixir contains an active Extract of Vitamin B in combination with Nucleinic Acid, Glycerophosphates of Calcium, Sodium, Potassium, Iron and Caffein, Extract of Bone Marrow, and Aromatics.

It is useful as a general tonic and in cases of Anæmia and Malnutrition.

*SAMPLES AND PRICES ON APPLICATION.*

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Relief of arthritic pain, sometimes dramatic, often follows the use of 'Calsiod' within a relatively short time. The best end-results, however, are obtained by continuing treatment for at least three to four weeks. Such perseverance is amply repaid, for, in addition to its analgesic effect, 'Calsiod' reduces swelling and muscle spasm to a marked degree.

'Calsiod' also has a wide field of usefulness in the many ill-defined conditions grouped under such terms as

**'LUMBAGO' 'FIBROSITIS'**
**'NEURITIS' 'MYALGIA' ETC.**

**'CALSIOD'**
*Brand*
**TABLETS**

Each tablet contains 0·5 grm. Calcium Ortho-iodoxybenzoate

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# THE IDEAL EFFERVESCENT SALINE

**The claim that the regular daily dose of a saline purgative is in some way deleterious is, of course, wrong. A saline draught in the morning is trustworthy and rapid.**

For the prevention of constipation, and also for the relief of moderate degrees of constipation, no safer and more dependable laxative can be employed than an effervescent preparation of the high standard of ENO'S 'FRUIT SALT'. The latter has been used and prescribed by many tens of thousands of doctors for over seventy years. During this time it has acquired a well-deserved world-wide reputation for purity and efficacy.

The constituents of ENO'S 'FRUIT SALT' promote *gentle peristalsis through their Osmotic Action*, and assist the expulsion of toxins from the large intestine. The blood stream will also benefit, in that a useful portion of the dissolved salts is absorbed from the alimentary tract and slowly converted into carbonate, thus maintaining the alkalinity of the blood at a healthy level. Furthermore, a daily dose of ENO'S 'FRUIT SALT' checks any tendency to undue concentration and acidity in the renal secretions. 'FRUIT SALT' also exerts a sedative action on the gastric mucosa.

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*ADSORBENT OF ALIMENTARY TOXINS*

# CARBACT

*BRAND*

ACTIVATED CHARCOAL TABLETS

*FORMULA:*

| | |
|---|---|
| Activated Charcoal | 3 grains |
| Bismuth Tribromphenate | 1⅛ grains |
| Ext. Rhei Sicc. | ⅜ grain |
| Excipient q.s. to | 7½ grains |

*INDICATIONS:*

All conditions due to alimentary intoxication, whether bacterial or chemical
Severe gastro-intestinal disturbances
Flatulent dyspepsia
Intestinal distension
Poisoning arising from food, vegetable and inorganic poisons
Gastro-enteritis
Diarrhœa and dysentery

AVAILABLE IN PACKETS OF 100 TABLETS

*RAPID BLOOD REGENERATION*

# FERRAEMIA

*BRAND* TABLETS

FOR ANÆMIA

*FORMULA:*

| | |
|---|---|
| Ferrous Sulph. Exsicc. | 2¾ grains |
| Dried Yeast | 2 grains |
| Copper Sulphate | $\frac{1}{100}$ grain |
| Manganese Hypophos. | $\frac{1}{32}$ grain |
| Excipient | ⅛ grain |
| Chocolate coating q.s. to | 8½ grains |

*INDICATIONS:*

Hæmorrhagic Anæmia, Acute and Chronic
Anæmia of Pregnancy
Nutritional Anæmia
Idiopathic Hypochromic Anæmia
As a tonic during convalescence and debilitated conditions

AVAILABLE IN BOTTLES OF 60 TABLETS

*Manufactured in England by*

WILCOX, JOZEAU & CO. LTD.

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# OESTROFORM

## *in Nervous States*

The principal use of the natural œstrogenic hormone Oestroform is in the relief of menopausal symptoms; it acts in a specific manner, swiftly relieving both the nervous and the vaso-motor symptoms. This relief is of vital importance at the present time when the woman at the climacteric stands in need of help to enable her to withstand the stress and strain of war conditions.

Less commonly realised is the fact that some degree of ovarian hypofunction may be present throughout adult life and not necessarily confined to the usual menopausal age. It may be insufficient to produce signs of gross ovarian dysfunction, but nevertheless it does give rise to a wide range of symptoms that are a source of distress to the patient. Such symptoms comprise exhaustion, emotional instability, backache, migrainoid headaches, insomnia, pain in the breasts, nausea and vomiting, cramps, vaginal irritation, hot flushes and loss of sexual desire. Oestroform will be found of great value in the treatment of these cases.

*Literature on request*

THE BRITISH DRUG HOUSES LTD. LONDON N.1

Telephone: Clerkenwell 3000 Telegrams: Tetradome Telex London

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# GLYCURRANT

## COUGH LINCTUS

is a new expectorant and sedative preparation, particularly suited to dry coughs, such as that of chronic bronchitis. Its carefully planned composition includes the juice of ripe black currants, an agent which is well known for its soothing effect on the pharynx, and which gives a distinctive, delicious flavour to the mixture.

FORMULA:

| | | | |
|---|---|---|---|
| Liquid Ext. of Squill .. | m. ½ | Glycerin .. .. | .. m. 10 |
| Liquid Ext. of Senega | m. 1 | Menthol .. .. | .. gr. 1/100 |
| Solution of Tolu .. | m. 5 | Alcohol .. .. | .. m. 4 |
| Codeine Phosphate .. | gr. 1/16 | Black Currant Juice .. | m. 10 |
| Syrup of Wild Cherry .. | m. 6 | Syrup to .. .. | .. 1 fl. dr. |

**In bottles of 2½ and 5 ozs., at 1/6 and 2/9.**

*Plus Purchase Tax*

DOSAGE—It is recommended that, for adults, one teaspoonful of Glycurrant Cough Linctus undiluted should be sipped slowly every 3 or 4 hours.

ALLEN and HANBURYS LTD

LONDON E 2

Telephone: Bishopsgate 3201 (12 Lines). Telegrams: "Greenburys, Beth, London."

Cholecystokinetic and Choleretic Action

Biliary Drainage

# AGOCHOLINE BRAND

## SOLUBLE GRANULES

**A product of Magnesium Sulphate and Peptone obtained by special process of manufacture**

Agocholine is founded on a scientifically tested cholagogic formula, arrived at by experimental, clinical and therapeutic research.

Agocholine excites the contractility of the gall-bladder, inducing drainage, and increases the flow of bile from the liver.

Indicated in every case in which the bile ducts are permeable (unless there are very sharp paroxystic pains) and there is infection or stasis in the gall-bladder.

Under the action of biliary drainage and stimulation of secretion of bile, the other functions of the liver are definitely improved.

*Medical sample and literature on indications and dosage will be sent on request*

**BENGUÉ & Co. Ltd.,** *Manufacturing Chemists,*
**MOUNT PLEASANT, ALPERTON, WEMBLEY, MDX.**

Against these seuerall humors ouerflowing.
As seuerall kinds of physicke may be good.
As diet. drinks. hot baths. whence sweat is growing.
with purging. vomiting and letting blood:
which taken in due time. not ouerflowing.
each malladies infection is withstood.

**The prophylactic measures against the humours, vomiting and blood-letting, have lost their significance in medicine; but purging, in its milder form of laxation, is important as ever when constipation interferes with the normal functioning of the eliminatory tract.**

To-day, Agarol brand Compound, the original mineral oil and agar-agar emulsion with phenolphthalein, solves the problem of treating constipation on rational grounds. Agarol supplies unabsorbable moisture that softens the intestinal contents and makes their passage easy and painless. It lubricates the intestinal tract and gently stimulates the peristaltic function, thereby making evacuation certain and habit-formation possible.

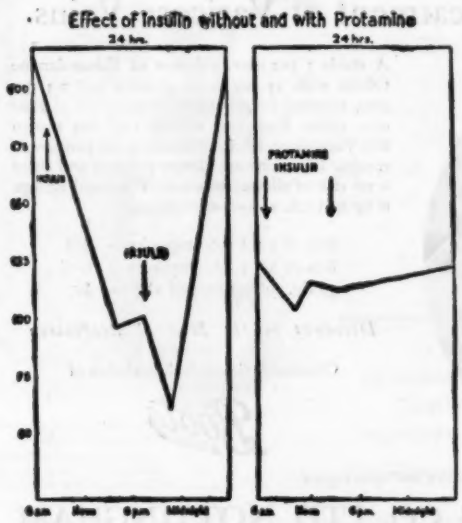
**William R. Warner & Co. Ltd., Power Road, Chiswick, London, W.4**

# AGAROL for constipation

# 'A.B.' PROTAMINE INSULIN

BRAND

*(with zinc)* SUSPENSION




The absorption of insulin injected in the form of 'A.B.' Brand Protamine Insulin (with Zinc) Suspension is much prolonged and closely resembles the natural secretion of the pancreatic islets. This insulin has a steady action and exerts a better control than that of ordinary insulin over the carbohydrate metabolism. The number of injections can be reduced, a lower total dosage is usually necessary, and the subjective symptoms of diabetes markedly improve.

**40 units per c.cm.**
5 c.cm. (200 units) 2/4
10 c.cm. (400 units) 4/6

**80 units per c.cm.**
5 c.cm. (400 units) 4/6

**INSULIN 'A.B.'** was the first British insulin offered commercially to the medical profession, and has a world-wide reputation for its strictly safeguarded sterility, its carefully standardised strength, its freedom from toxic reactions and its stability in hot climates.

Joint Licensees and Manufacturers:

**THE BRITISH DRUG HOUSES LTD.**
**ALLEN & HANBURYS LTD.**

# URALYSOL

ELIMINATOR & SOLVENT OF URIC ACID

Gout

Osteo-arthritis

Rheumatic diathesis

FORMULA

| | |
|---|---|
| Thyminic Acid | 0·10 |
| Hexamethylenetetramine-Anhydromethylenecitrate | 0·50 |
| Hexamethylene Tetramine | 2·50 |
| Piperazine Tartrate | 0·25 |
| Lithium Carbonate | 1·00 |
| Sodium Benzoate | 1·00 |
| Effervescent Base | ad 100 |

DIRECTIONS

One teaspoonful to be taken morning and night in a tumblerful of water.

*Samples and literature on request.*

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*References:* Lancet, *November 16th, page 621.*
B.M.J. *November 16th, page 679.*

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[1] *British Medical Journal*, 1935, November 16th, p. 938.
[2] *British Medical Journal*, 1938, January 15th, p. 105.

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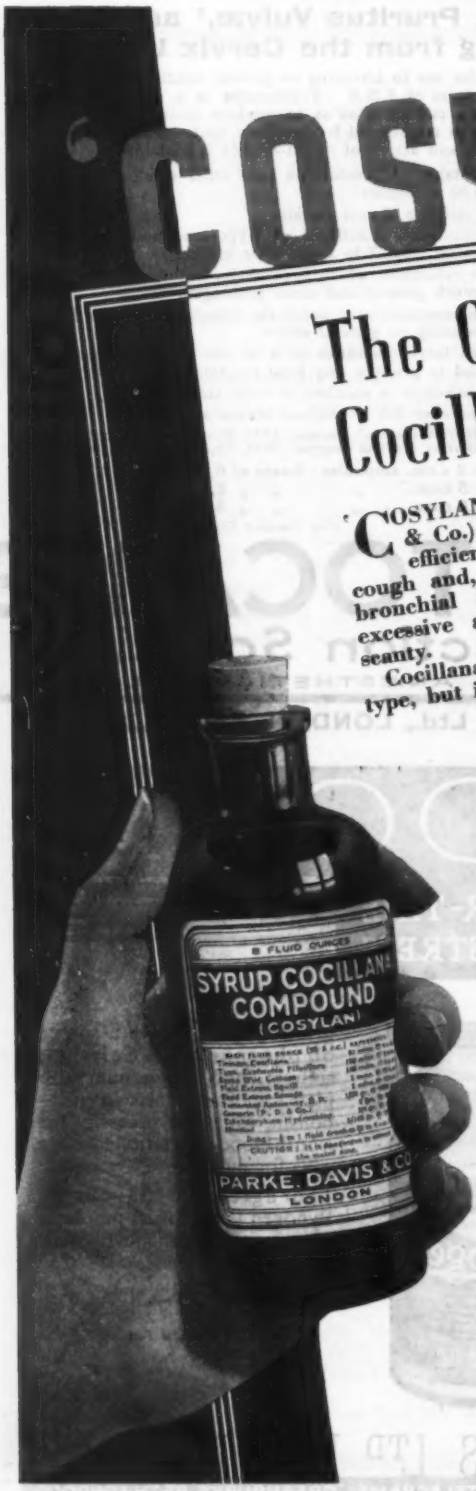


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| Fluid Extract of Squill ... ... ... | ¼ min. |
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| Tartarated Antimony ... ... ... ... | $\frac{1}{12}$ gr. |
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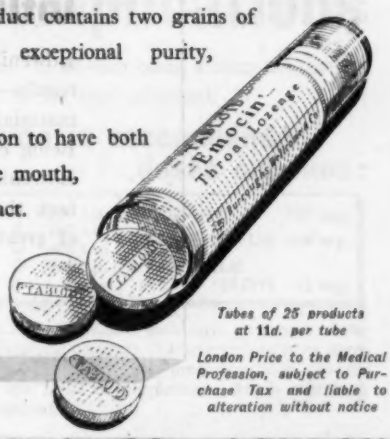


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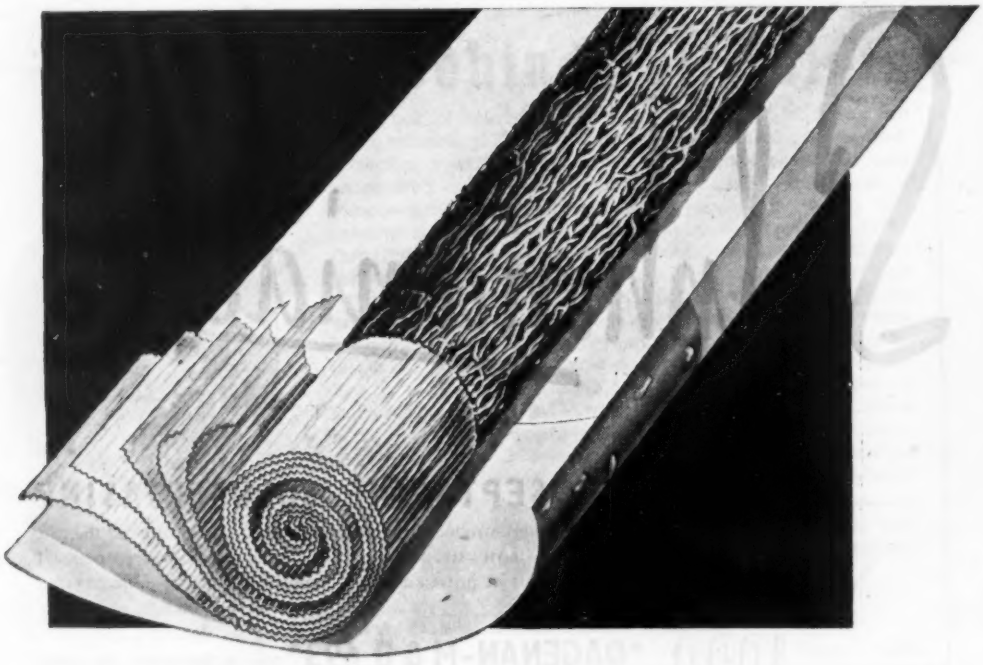

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**JENNER INSTITUTE FOR CALF LYMPH LTD., 73, Church Road, Battersea, S.W.11.**


## BRITISH POSTGRADUATE MEDICAL SCHOOL

(UNIVERSITY OF LONDON)

### LECTURES ON WAR SURGERY

**17th to 21st February, 1941**

| | | | |
|---|---|---|---|
| Monday, 17th Feb. | 10 A.M. | Ailments of the Soldier in Training. | Professor G. Grey Turner, LL.D., D.Ch., M.S., F.R.C.S., F.A.C.S. |
| | 11.15 A.M. | Nutrition in the Wounded Soldier. | Dr. George Graham, M.D., F.R.C.P. |
| | 2 P.M. | War Injuries of the Nose, Throat and Ear (I). | |
| | 3 P.M. | War Injuries of the Nose, Throat and Ear (II). | |
| Tuesday, 18th Feb. | 10 A.M. | Facial Injuries: Plastic Repair. | Mr. R. Mowlem, F.R.C.S. |
| | 11.15 A.M. | Facial Injuries: Plastic Restoration. | Mr. R. Mowlem, F.R.C.S. |
| | 1.15 P.M. | Bus to Royal College of Surgeons. | |
| | 2 P.M. | Demonstration of Specimens at Royal College of Surgeons. | |
| Wednesday, 19th Feb. | 10 A.M. | Skin Grafting. | Mr. T. P. Kilner, F.R.C.S. |
| | 11.30 A.M. | Boils and other Infections. | Mr. R. H. Franklin, F.R.C.S. |
| | 2 P.M. | Venereal Diseases in War (I). | Colonel L. W. Harrison, D.S.O., F.R.C.P. |
| | 3 P.M. | Venereal Diseases in War (II). | Colonel L. W. Harrison, D.S.O., F.R.C.P. |
| Thursday, 20th Feb. | 10 A.M. | Sprains, Strains and Minor Fractures (I). | Mr. A. J. Watson, F.R.C.S. |
| | 11.30 A.M. | Sprains, Strains and Minor Fractures (II). | Mr. A. J. Watson, F.R.C.S. |
| | 2 P.M. | Preparation for Rehabilitation. | Dr. James Mennell, M.D. |
| | 3 P.M. | Co-operation of Surgeon with Dental Officer in the Early Treatment of Maxillo-Facial Injuries. | Lieut.-Col. S. Woods, C.B.E. |
| Friday, 21st Feb. | 10 A.M. | Injury to the Facial Nerve. | Mr. T. E. Cawthorne, F.R.C.S. |
| | 11.30 A.M. | War Injuries of the Eye (I). | Mr. Charles Goulden, O.B.E., M.D., F.R.C.S. |
| | 2 P.M. | War Injuries of the Eye (II). | Mr. Charles Goulden, O.B.E., M.D., F.R.C.S. |
| | 3 P.M. | Demonstration of Plaster Technique. | |

The fee for the Course will be one guinea, but no fee will be charged in the case of Officers of the Armed Forces and Emergency Medical Service who submit a leave certificate and register their names before the commencement of the Course.

Applications for tickets should be addressed to the Dean, British Postgraduate Medical School, Ducane Road, London, W.12.

Further War Surgery courses will commence as follows:—

TREATMENT OF FRACTURES: Monday, 24th February, 1941.
WAR SURGERY OF THE CHEST: Monday, 17th March, 1941.
WAR SURGERY OF THE NERVOUS SYSTEM: Monday, 31st March, 1941.

## Royal College of Physicians of London.

The next ordinary PROFESSIONAL EXAMINATION for the MEMBERSHIP will commence on WEDNESDAY, APRIL 2ND, 1941.

Candidates are required to give twenty-one days' notice in writing to the Registrar of the College, to whom all certificates and testimonials required by the Bye-laws must be sent at the same time.

Candidates who propose to submit published work under the regulations now in force are required to give twenty-eight days' notice, and should apply in writing to the Registrar, without delay, for detailed instructions as to the procedure they should follow.

HENRY LETHEBY TIDY, M.D., Registrar.

Pall Mall East, S.W.1.


## PORTSMOUTH CITY MENTAL HOSPITAL

Accommodation is provided for the reception of PRIVATE PATIENTS of both sexes in three detached Villas, which are healthily and pleasantly situated in extensive grounds with sea views.

Charges from 3 guineas weekly, including all necessaries except clothing.—Apply to the Medical Superintendent and Resident Physician, THOMAS BEATON, O.B.E., M.D., F.R.C.P.


## UNIVERSITY OF MANCHESTER

### HEALTH IN THE FACTORY

**Week-end Course on Factory Services for Medical Practitioners**

Saturday and Sunday, 1st and 2nd March, 1941.

**Fee: One Guinea**

Full details of the Course obtainable from the Director of Extra-Mural Studies, The University, Manchester, 13.

## BRITISH POSTGRADUATE MEDICAL SCHOOL

(UNIVERSITY OF LONDON.)

**DEPARTMENT OF SURGERY**

A COURSE OF LECTURES AND PRACTICAL DEMONSTRATIONS on the

### TREATMENT OF FRACTURES WITH SPECIAL REFERENCE TO WAR CONDITIONS

will be given by

Mr. R. WATSON JONES, M.Ch., F.R.C.S., of Liverpool.

10 A.M. to 12 NOON.—Clinical Lectures and Demonstrations
12 NOON to 1 P.M.—Lunch.
1 P.M. to 2 P.M.—Clinical Lectures and Demonstrations.
2 P.M. to 4 P.M.—Practical Classes.
4 P.M. to 5 P.M.—Questions and Discussions.

Monday, 24th Feb.—General Principles of Fracture Treatment.
Tuesday, 25th Feb.—Injuries of the Upper Limb.
Wednesday, 26th Feb.—Injuries of the Lower Limb.
Thursday, 27th Feb.—Injuries of Spine, Pelvis, and Hip Joint.
Friday, 28th Feb.—Compound and Infected Fractures. Amputations.

The Course will be limited to a maximum of 40 students, and applications for admission to the Course should be submitted to the DEAN, British Postgraduate Medical School, Ducane-road, W.12. The Course will only be held if a minimum of 15 students apply.

The fee for the Course will be 5 guineas, but a limited number of Officers of the Armed Forces will be admitted free, on the receipt of a leave certificate.


## CHISWICK HOUSE,

**PINNER, MIDDLESEX.**

Telephone: PINNER 234.

A Private Hospital for the Treatment and Care of Mental and Nervous Illnesses in both Sexes.

A modern country house, 12 miles from Marble Arch, in attractive and secluded surroundings. Fees from 10 guineas per week inclusive. Cases under Certificate, Voluntary and Temporary Patients received for treatment.

DOUGLAS MACAULAY, M.D., D.P.M.

## HEIGHAM HALL, NORWICH

PRIVATE MENTAL HOME for Nervous and Mental Illness. All forms of treatment available. Fees from 4 gns. per week upwards according to requirements. Vacancies occasionally exist at reduced fees on the recommendation of the patient's own physician.

Apply to Dr. J. A. SMALL. Telephone: Norwich 80.

## MALLING PLACE, KENT

For LADIES and GENTLEMEN of Unsound Mind.

Terms moderate. Apply to Resident Medical Superintendent. Telegrams: ADAM WEST MALLING. Telephone No. 2: MALLING.

# CAVENDISH NURSES

Special Nurses for Nerve and Mental Cases.

**MALE and FEMALE**

*A very convenient form of telephone message pad sent free on application to the Secretary.*

Head Office: 54, BEAUMONT ST., LONDON, W.1 (late 43, New Cavendish St., London, W.1).
*Branches:—MANCHESTER: 176, Oxford Road. GLASGOW: 28, Windsor Terrace. DUBLIN: 23, Upper Baggott Street.*

Superior trained Nurses for Medical, Surgical, Mental Dipsomania, Travelling and all cases. Nurses reside on the premises and are always ready for urgent calls Day and Night. Skilled Masseuses, Masseurs, and good Valet attendants supplied. *Terms from £3 13 6. Apply to the Secretary or Lady Supt.*

**Telegrams:** Tactear, London. :: Surgical, Glasgow. Tactear, Manchester. :: Tactear, Dublin.
**Telephones:** London, 1277 Welbeck (2 lines). Manchester, 3152 Ardwick. Glasgow, 477 Douglas. Dublin, 62006.

Telephone: WELbeck 2728 Telegrams: "ASSISTIAMO, LONDON"

**For MEDICAL, SURGICAL, and**

# MENTAL NURSES

**Male or Female**

## THE NURSES' ASSOCIATION

In conjunction with the MALE NURSES' ASSN.

**29, YORK ST., BAKER ST., LONDON, W.1**

Mrs. MILLICENT HICKS, *Superintendent* W. J. HICKS, *Secretary*

# ROYAL EARLSWOOD INSTITUTION

**REDHILL, SURREY**

**For MENTAL DEFECTIVES of all ages**

Training under medical supervision. Schools, Farm, Trade Workshops, Recreations. Fees £110 to £375 p.a. Election by votes of subscribers at reduced terms for necessitous trainable cases.

Apply, Secretary. Tel.: Redhill 344

# SPRINGFIELD HOUSE

Phone: BEDFORD 3417. **Near BEDFORD**

**For Mental Cases with or without Certificates.**

*Ordinary Terms: Five Guineas per week (including Separate Bedrooms for all suitable cases without extra charge).*

For forms of admission, &c., apply to the Resident Physician, CEDRIC W. BOWER.

INTERVIEWS IN LONDON BY APPOINTMENT.

**THE GROVE HOUSE,**
**CHURCH STRETTON, SHROPSHIRE.**

Private Home for Ladies mentally ill. Voluntary and Temporary Patients received.

Medical Superintendent: Dr. J. A. McCLINTOCK

# PECKHAM HOUSE, 112, Peckham Road, London, S.E.15

**Telegrams: "Alleviated, London"** **Telephone: Rodney 2641-2642**

A Private Mental Hospital, for Ladies and Gentlemen suffering from Nervous and Mental Illness, where the amenities of a comfortable home are combined with full investigation and every well-established modern treatment.

Terms from 3½ guineas weekly.

Illustrated Prospectus may be obtained from the Physician Superintendent.

# VALE OF CLWYD SANATORIUM

This Sanatorium is established for the treatment of Tuberculosis of the Lungs and the Pleural Cavities. It is situated in the midst of a large area of park-land at a height of 450 feet above sea-level, on the South West slopes of mountains rising to over 1800 feet, which protect it from north and east winds and provide many miles of graduated walks with magnificent views. Average rainfall 29·57 per annum. Full day and night Nursing Staffs. X-Ray plant. Every facility for Artificial Pneumothorax and for operations on the chest. Electric Lighting. Central Heating. Home Farm. Grade A Milk from T.T. Herd.

For particulars apply to Medical Superintendent.

H. MORRISTON DAVIES, M.D., M.Ch. (Cantab.), F.R.C.S., Llanbedr Hall, Ruthin, N. Wales.

# HOLLOWAY SANATORIUM VIRGINIA WATER

**A Registered Hospital for the Treatment of MENTAL DISORDERS of the EDUCATED CLASSES. Founded by THOMAS HOLLOWAY in 1885.**

This Institution is situated in a beautiful and healthy locality within easy reach of London. It is fitted with every comfort. Patients can have Private Bedrooms and Special Nurses as well as the use of General Sitting Rooms, at moderate rates of payment. Voluntary Patients can be admitted.

There is a Branch Establishment at CANFORD CLIFFS, BOURNEMOUTH, where Patients can be sent for a change and be provided with all the comforts of a well-appointed home.

*For Terms, apply to—*

**The RESIDENT MEDICAL SUPERINTENDENT, St. Ann's Heath, Virginia Water, SURREY**

# ST. ANDREW'S HOSPITAL

## FOR NERVOUS AND MENTAL DISORDERS, NORTHAMPTON

*FOR THE UPPER AND MIDDLE CLASSES ONLY.*

PRESIDENT: THE MOST HON. THE MARQUESS OF EXETER, K.G., C.M.G., A.D.C.

MEDICAL SUPERINTENDENT: THOMAS TENNENT, M.D., M.R.C.P., D.P.H., D.P.M.

This Registered Hospital is situated in 130 acres of park and pleasure grounds. Voluntary patients, who are suffering from incipient mental disorders or who wish to prevent recurrent attacks of mental trouble; temporary patients, and certified patients of both sexes are received for treatment. Careful clinical, bio-chemical, bacteriological, and pathological examinations. Private rooms with special nurses, male or female, in the Hospital or in one of the numerous villas in the grounds of the various branches can be provided.

### WANTAGE HOUSE

This is a Reception Hospital in detached grounds with a separate entrance, to which patients can be admitted. It is equipped with all the apparatus for the complete investigation and treatment of Mental and Nervous Disorders by the most modern methods: insulin treatment is available for suitable cases. It contains special departments for hydrotherapy by various methods, including Turkish and Russian baths, the prolonged immersion bath, Vichy Douche, Scotch Douche, Electrical baths, Plombieres treatment, etc. There is an Operating Theatre, a Dental Surgery, an X-Ray Room, an Ultra-violet Apparatus, and a Department for Diathermy and High-frequency treatment. It also contains Laboratories for bio-chemical, bacteriological, and pathological research. Psychotherapeutic treatment is employed when indicated.

### MOULTON PARK

Two miles from the Main Hospital there are several branch establishments and villas situated in a park and farm of 650 acres. Milk, meat, fruit, and vegetables are supplied to the Hospital from the farm, gardens, and orchards of Moulton Park. Occupational therapy is a feature of this branch, and patients are given every facility for occupying themselves in farming, gardening, and fruit growing.

### BRYN-Y-NEUADD HALL

The seaside house of St. Andrew's Hospital is beautifully situated in a Park of 330 acres, at Llanfairfechan, amidst the finest scenery in North Wales. On the North-West side of the Estate a mile of sea coast forms the boundary. Patients may visit this branch for a short seaside change or for longer periods. The Hospital has its own private bathing house on the seashore. There is trout-fishing in the park.

At all the branches of the Hospital there are cricket grounds, football and hockey grounds, lawn tennis courts (grass and hard courts), croquet grounds, golf courses, and bowling greens. Ladies and gentlemen have their own gardens, and facilities are provided for handicrafts, such as carpentry, etc.

For terms and further particulars apply to the Medical Superintendent (TELEPHONE: No. 2356 and 2357 Northampton), who can be seen in London by appointment.

# CHEADLE ROYAL HOSPITAL, Cheadle, Cheshire.

This REGISTERED HOSPITAL, with a SEASIDE BRANCH at Colwyn Bay, N. Wales, is for the treatment and care of those of the Upper and Middle Classes suffering from MENTAL AND NERVOUS DISEASES.

The Hospital is governed by a COMMITTEE, appointed by the TRUSTEES of the Manchester Royal Infirmary.

In addition to the Main Buildings there are separate villas. Extensive grounds. Hard and grass tennis courts, cricket and croquet grounds, and a court for badminton. There are also wireless installations. Golf may be had within easy distance. Occupational Therapy.

VOLUNTARY, TEMPORARY, AND CERTIFIED PATIENTS received.

The Hospital is nine miles from Manchester, 50 minutes by rail from Liverpool, and 3½ hours from London.

For terms and further particulars apply to the Medical Superintendent, who may be seen in Manchester BY APPOINTMENT. *Telephone: Gatley* 2231 (3 lines).

# CAMBERWELL HOUSE

Telegrams: "PSYCHOLIA, LONDON." 33, PECKHAM RD., LONDON, S.E.5. Telephone: Rodney 4242 (2 lines).

***For the treatment of MENTAL DISORDERS.***

Also completely detached Villas for Mild Cases, with private suites if desired. Voluntary Patients received. Twenty acres of Grounds. Hard and Grass Tennis Courts, Putting Greens, Bowls, Croquet, Squash Rackets, Recreation Hall with Badminton Court, and all indoor amusements, including Wireless and other Concerts, Occupational Therapy, Calisthenics, and Dancing Classes. X-ray and Actino-therapy, Prolonged Immersion Baths, Operating Theatre, Pathological Laboratory, Dental Surgery, and Ophthalmic Department. Chapel. **Shock and also modified Insulin Therapy.**

Senior Physician: Dr. HUBERT JAMES NORMAN, assisted by a resident Medical Staff, and visiting Consultants.

An Illustrated Prospectus, giving fees which are strictly moderate, may be obtained upon application to the Secretary.

**The Convalescent Branch is Hove Villa, Brighton, and is 200 feet above sea level.**

# THE COTSWOLD SANATORIUM

First opened in 1898 and rebuilt in 1925 on the Cotswold Hills seven miles from Cheltenham, for the Treatment of Pulmonary and all other forms of Tuberculosis. Aspect S.S.W., sheltered from North and East, elevation 800 feet. Pure bracing air, SPECIAL TREATMENT by artificial PNEUMOTHORAX (X-ray controlled). TUBERCULINS, and ULTRA-VIOLET RAYS is available when necessary without extra charge. X-RAY plant, Fully Equipped Dental Department, Electric Light Radiators, hot and cold basins and Wireless in all rooms. Up-to-date drainage. Full day & night Nursing Staff. **Terms: 5½ to 8½ Guineas a week inclusive.**

*Med. Supt.:* GEOFFREY A. HOFFMAN, B.A., M.B., T.C. Dub. *Asst. Phys.:* MARGARET A. HARRISON, M.B., B.S. Lond. *Cons. Laryngologist:* G. N. BARKER, F.R.C.S. Edin., D.L.O. *Cons. Dent. Surgeon:* GEORGE V. SAUNDERS, L.D.S.R.C.S. Lond. *Phone:* 81 & 82 Witcombe. Apply: *The Secretary, The Cotswold Sanatorium, Cranham, Gloucester. Telegrams:* "Hoffman, Birdlip."

# COURT HALL, KENTON, near EXETER

FOR THE TREATMENT OF EIGHT LADIES, VOLUNTARY, TEMPORARY AND CERTIFIED PATIENTS

# CLIFFDEN, TEIGNMOUTH

FOR EARLY AND CONVALESCENT CASES Recreational Therapies are held daily by skilled Leaders

The house stands high with spacious balconies and extensive views of the South Devon Coast. Beautiful garden. Own Dairy in 25 acres. Private road to beach.

There is also a charming house, EBWORTHY, MANATON, DARTMOOR, situated in 20 acres, 1100 ft. up for bracing moorland air.

*Resident Physicians*—BERTHA M. MULES, M.D., B.S. ANNE S. MULES, M.R.C.S., L.R.C.P.

*Telephones*—STARCROSS 259 and TEIGNMOUTH 289

# THE LAW NURSING HOME
## ROCHDALE (Lancs)

Founder: The late SIR A. J. LAW, J.P., M.P.

*A Private Hospital, exclusively for the treatment of POST-ENCEPHALITIC PARKINSONISM, PARKINSON'S DISEASE and ALLIED DISORDERS*

The Nursing Home is governed by Trustees; any surplus is utilized to help patients who cannot afford full fees. Extensive grounds. Hydro. Expert Massage and Physical re-education. Dietary treatment. Equipped with every laboratory apparatus for the investigation and treatment of the diseases. Results of the BULGARIAN TREATMENT published (*Lancet*, 1939, 1, 693) approx.: 300 patients treated in the last 3 years. Terms moderate. Further particulars apply Medical Superintendent. Tel.: Rochdale 2960.

# HAYDOCK LODGE,
## NEWTON-LE-WILLOWS, LANCASHIRE.

For the reception and treatment of PRIVATE PATIENTS of both sexes of the UPPER AND MIDDLE CLASSES suffering from Mental and Nervous Disorders, Alcoholism and Drug addiction, either voluntarily, temporarily, or under certificate. Patients are classified in separate buildings according to their mental condition. Situated in park and grounds of 400 acres. Self-supported by its own farm and gardens in which patients are encouraged to occupy themselves. Every facility for indoor and outdoor recreation. For terms, prospectus, etc., apply MEDICAL SUPERINTENDENT. *'Phone:* Ashton-in-Makerfield 7311. *Tele. Address:* Street, Ashton-in-Makerfield.

# CRICHTON ROYAL, DUMFRIES
## For NERVOUS AND MENTAL DISORDERS

Separate Villa for patients suffering from the effects of alcoholism and drug addiction. Every facility for complete investigation and individual treatment on the most modern lines. Fully equipped gymnasium, golf course, and indoor swimming pool. Specially trained occupational and recreational therapists. **Special Department for Insulin Therapy.** As the hospital is well endowed terms are exceptionally moderate, e.g., First Department from 3 guineas per week, Second Department, 2 and 2½ guineas per week. Voluntary and certified patients are received. Medical Certificates given anywhere in the British Isles are valid for admission of patients. *For prospectus, necessary forms, and further information apply to:—*

Physician Superintendent, P. K. McCowan, J.P., M.D., F.R.C.P., D.P.M., Barrister-at-Law. Tel. Dumfries 1119.

# RUTHIN CASTLE, NORTH WALES

A Private Clinic, the first in Great Britain, for investigation and treatment of all forms of disease, except infectious and mental

There is a steel and concrete Air Raid Shelter with heating and a lift to all floors

Inclusive charges — Apply SECRETARY — Telephone: Ruthin 66

# THE MAUDSLEY HOSPITAL, DENMARK HILL, S.E.5.

A CLINIC for Neuroses and Curable Mental Disorder instituted by the London County Council. Facilities for *out-patient treatment only*. Cases seen from 9.30 A.M. to 12 NOON on Mondays, Wednesdays and Fridays. Inquiries of medical officer in charge at Sutton E. Hospital, Sutton, Surrey. Clinics for children are held at the Maudsley Hospital at 10 A.M. on Mondays.

Out-patient clinics are held also at St. Charles' Hospital, St. Charles' Square, Ladbroke Grove, W.10, at 10 A.M. on Wednesdays and Fridays for adults; at St. Mary (Islington) Hospital, Highgate Hill, N.19, for adults on Tuesdays and Fridays at 2 P.M.; and at Mile End Hospital, Bancroft Road, E.1, for adults on Thursdays at 10 A.M.

Attendance at the Children's Clinics at the Maudsley Hospital and at the Clinics at St. Charles', St. Mary (Islington), and Mile End Hospitals should be by appointment with the Psychiatric Social Worker at Mill Hill E. Hospital, N.W.7.

Hours of attendance subject to alteration.

# THE CASSEL HOSPITAL
## FOR FUNCTIONAL NERVOUS DISORDERS

new address: ASH HALL, BUCKNALL, near STOKE-on-TRENT, STAFFS. *Telephone:* ASH BANK 215

Owing to existing circumstances the hospital has been transferred from Swaylands, Penshurst, Kent, to the above address for the duration of the war. Ash Hall is situated in the country about 5 miles from Stoke in the direction of Ashbourne.

The hospital will continue to admit for treatment patients of moderate means suffering from psychoneurotic illnesses.

Patients suffering from psychotic illnesses are not eligible for admission.

Further particulars may be obtained by application to the Medical Director at the new address.

# THE OLD MANOR SALISBURY

*A Private Hospital for the Care and Treatment of those of both sexes suffering from MENTAL DISORDERS.*

Extensive grounds. Detached Villas. Chapel. Garden and Dairy Produce from own farm. Terms very moderate.

**CONVALESCENT HOME AT BOURNEMOUTH** Detached Villas standing in 12 acres of ornamental grounds, with tennis courts, etc., which Voluntary, Temporary or Certified Patients may visit by arrangement for long or short period.

Illustrated Brochure on application to the Medical Superintendent. The Old Manor, Salisbury. Telephone: Salisbury 3216 and 3217.

# NORTHUMBERLAND HOUSE
GREEN LANES,
## FINSBURY PARK, N.4

A PRIVATE HOSPITAL for the treatment of mental and nervous illnesses. Conveniently situated and easy of access from all parts. Occupational Therapy, Psychotherapy, and other modern forms of treatment. A.R.P. Shelters.

*Telephone:* Stamford Hill 2688.

For further particulars apply to the MEDICAL SUPERINTENDENT

# STRETTON HOUSE,
Church Stretton, Shropshire.
ESTABLISHED IN 1853.

A PRIVATE HOME for the treatment of gentlemen suffering from Mental and Nervous Illness, including the allied Disorders of Alcoholism and the Drug Habit. All types of early Mental and Nervous Cases are received without Certificates as Voluntary Patients under the provisions of the Mental Treatment Act, 1930. Bracing hill country. See "Medical Directory," p. 2358.—Apply to the Medical Superintendent. 'Phone 10 P.O., Church Stretton.

## THE COPPICE, NOTTINGHAM.

HOSPITAL FOR MENTAL DISEASES.

President: The Right Hon. LORD BELPER.

This Institution is exclusively for the reception of a limited number of PRIVATE PATIENTS of both sexes, of the UPPER and MIDDLE CLASSES, at moderate rates of payment. It is beautifully situated in its own grounds, on an eminence a short distance from Nottingham, and commands an extensive view of the surrounding country; and from its singularly healthy position and comfortable arrangements affords every facility for the relief and cure of those mentally afflicted. Voluntary and Temporary Patients received. Occupational Therapy. For terms, &c., apply to the Medical Superintendent.

Telephone: 64117 Nottingham.

## CITY OF LONDON MENTAL HOSPITAL

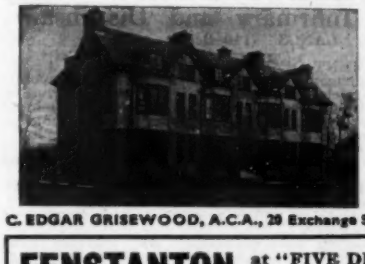
Near DARTFORD, KENT.

Ladies and Gentlemen received for treatment under certificates, and without certificates as either VOLUNTARY or TEMPORARY PATIENTS, at a weekly fee of £2 9s., and upwards.

## THE MAGHULL HOMES FOR EPILEPTICS (INC.)

MAGHULL (Near Liverpool)

FARMING and OPEN AIR OCCUPATION for PATIENTS



A few vacancies in 1st and 2nd Class Houses.

FEES:

1st Class (men only) from £5 5s. p.w. upwards.

2nd Class (men and women) 32/- p.w.

For further particulars apply Secretary,

C. EDGAR GRISEWOOD, A.C.A., 29 Exchange St. East, Liverpool

## FENSTANTON, at "FIVE DIAMONDS," Chalfont St. Giles, Bucks.

A Private Home for the Care and Treatment of a limited number of LADIES with Mental and Nervous Disorders. Certified, Voluntary, and Temporary Patients received. Mansion with 12 acres of ground. (*See Medical Directory*, p. 2346.) Apply Resident Physician. Telephone: Little Chalfont 2048. Station: Chalfont and Latimer.

## UNIVERSITY EXAMINATION POSTAL INSTITUTION

17, RED LION SQUARE, LONDON, W.C.1

Over 50 years' experience

POSTAL AND ORAL COACHING FOR ALL MEDICAL EXAMINATIONS

MEDICAL PROSPECTUS (36 pages), sent gratis, along with List of Tutors, &c., on application to the Principal, 17, Red Lion-square, London, W.C.1. (Telephone: HOLborn 6313.)


## British Postgraduate Medical School.

(UNIVERSITY OF LONDON.)

Applications are invited from registered medical practitioners, Male and Female, for the appointment of HOUSE PHYSICIANS (A), including R practitioners within three months of qualification. The appointment is for six months and carries a salary of £105 per annum, plus the usual residential emoluments.

Applications, stating age, qualifications with dates, and nationality, accompanied by copies of three recent testimonials, should be sent not later than February 18th, 1941, to the DEAN, British Postgraduate Medical School, Ducane-road, London, W.12.

## London County Council.

Medical practitioners required for undermentioned positions. Married quarters not available. Experience in treatment of tuberculosis required.

TEMPORARY ASSISTANT MEDICAL OFFICERS (Class I) (B1). Salary £350–£25–£425. Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply.

NORTHERN HOSPITAL, Winchmore Hill, N.21.

GROVE PARK HOSPITAL, Lee, S.E.12.

Both positions are with board, lodging, and washing.

Application forms obtainable (stamped addressed foolscap envelope necessary) from MEDICAL OFFICER OF HEALTH, Staff Division 2, County Hall, S.E.1, returnable by 24th February.

Canvassing disqualifies.

## Metropolitan Borough of Poplar.

TEMPORARY APPOINTMENT OF ASSISTANT MEDICAL OFFICER.

Applications are invited from registered medical practitioners (Male) for temporary appointment as Assistant Medical Officer at an inclusive salary of £600 a year. Subject to satisfactory service, the appointment will be of not less than one year's duration.

The officer appointed will be required to devote the whole of his time under the direction of the Medical Officer of Health to the duties of his office, which will consist of constant day and night inspection of public shelters in the borough, and of such other medical services as the Council's Civil Defence (Emergency) Committee may require of him.

The appointment is subject to one month's notice on either side, and does not confer any rights under the Council's Superannuation Acts.

Applications, together with copies of three testimonials, must reach the undersigned not later than 12 noon on Monday, 24th February, 1941, with the envelope endorsed "Assistant Medical Officer."

H. E. DENNIS, Town Clerk and A.R.P. Controller.

Poplar Town Hall, Bow-road, E.3.

## King Edward Memorial Hospital,

Mattock-lane, Ealing, W.13.

Applications are invited from registered medical practitioners Male or Female, for the appointment of CASUALTY OFFICER AND DEPUTY RESIDENT MEDICAL OFFICER (B2) now vacant, including R practitioners who now hold A posts; six months' appointment. Salary at the rate of £225 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of two recent testimonials, should be sent to the undersigned immediately.

R. A. MICKELWRIGHT, House Governor.

## Dreadnought Seamen's Hospital,

Greenwich.

Applications are invited from registered medical practitioners for the appointment of SENIOR MEDICAL OFFICER (B1), now vacant. R practitioners holding B2 or B1 posts may apply. Practical Surgical experience essential. Salary at the rate of £550 per annum, with full residential emoluments.

Applications, stating age, nationality, experience, and details of previous appointments, with copies of recent testimonials, to be sent to the undersigned immediately.

F. A. LYON, Secretary.

Dreadnought Seamen's Hospital, Greenwich, S.E.10.

## Ministry of Health.

APPOINTMENTS OF TEMPORARY MEDICAL OFFICERS.

Applications are invited for appointments of Temporary Medical Officers at London Headquarters or in the Ministry's Regional Offices. The work will be of a Public Health character, including such subjects as environmental hygiene, health of evacuees, medical arrangements in air-raid shelters, accommodation for infectious diseases, investigation and control of epidemics, &c.

The salary is at the rate of £750 per annum, and appointments will be made on a month-to-month basis.

Applications, stating age, qualifications with dates, present appointments, if any, and previous experience, should be sent, addressed to the DIRECTOR OF ESTABLISHMENTS, Ministry of Health, Whitehall, S.W.1, not later than 22nd February, 1941.

## National Hospital, Queen Square, W.C.1

RESIDENT MEDICAL OFFICER (B1).

Applications are invited for the post of Resident Medical Officer and should be sent to the undersigned, accompanied by copies of three recent testimonials, not later than February 25th, 1941. Suitably qualified R practitioners holding B2 or B1 posts may apply. The salary is £150 per annum, with board and lodging.

LIONEL E. L. SPENCER, Acting Secretary.

## The London Chest Hospital,

Victoria Park, E.2.

A vacancy for HOUSE PHYSICIAN (B2) will occur at once. R practitioners holding A posts may apply. Six months' appointment. Salary at the rate of £100 per annum, board, residence, and laundry provided.

Applications, with copies of three testimonials, should be sent immediately to the SECRETARY.

## South Middlesex and Richmond Joint
HOSPITAL BOARD.

SOUTH MIDDLESEX SPECIAL AND INFECTIOUS DISEASES HOSPITAL, ISLEWORTH.

APPOINTMENT OF DEPUTY MEDICAL SUPERINTENDENT (B1).

Applications are invited from registered medical practitioners (including suitably qualified R practitioners in B1 and B2 posts) who have held house appointments in General Hospitals and have had good all-round experience, including experience in anæsthetics.

Salary £400 per annum, with residence, board, and laundry.

The person appointed will be required to devote his or her whole time to the duties of the office. The duties will be mainly on the infectious diseases side and under the Medical Superintendent.

The Hospital contains 240 casualty beds and 96 fever beds.

Applications, giving age, date of qualification, experience, and details of previous appointments, together with copies of three recent testimonials, should reach the undersigned not later than 25th February, 1941.

A. L. K. RANKIN, Medical Superintendent.

South Middlesex Fever Hospital, Mogden-lane, Isleworth, Middlesex.

## South London Hospital for Women,
Clapham Common, S.W.4.

Applications are invited from medical Women for the undermentioned appointment:

HOUSE PHYSICIAN,

for a period of six months from the 1st March. Salary at the rate of £100 per annum, with full residential emoluments.

Candidates are requested to call on members of the Honorary Medical Staff, and applications, stating age, nationality, and qualifications with dates, and accompanied by copies of three recent testimonials, should reach the SECRETARY at the Hospital as soon as possible.

## Battersea General Hospital,
Battersea Park, S.W.11.

APPOINTMENT OF RESIDENT SURGICAL OFFICER (B1).

Applications are invited from registered medical practitioners for the appointment of Resident Surgical Officer. Applicants should have held house appointments and had surgical experience. Preference will be given to candidates holding Diploma of F.R.C.S. Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply. Salary is at the rate of £200 per annum.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent to the SECRETARY of the Hospital immediately.

## Hospital for Sick Children,
Great Ormond-street, London, W.C.1.

Vacancies for one HOUSE PHYSICIAN (B2) and one HOUSE SURGEON (B2) will occur on the 1st April, 1941.

Applications are invited from registered medical practitioners, Male and Female, including R practitioners who hold A posts.

Both appointments are tenable for six months. Salaries at the rate of £100 per annum, with full residential emoluments.

Further particulars and forms of application, which must be returned not later than the 3rd March, 1941, are obtainable from the undersigned.

HERBERT F. RUTHERFORD, Secretary.

## The Queen's Hospital for Children,
Hackney-road, E.2.

SENIOR MEDICAL OFFICER (B2) required.

Applications are invited from registered medical practitioners (preferably Male), including R practitioners holding A posts, for the above appointment, which in the first instance will be made for a period to be mutually agreed.

Salary at rate which, with certain additions, will amount to not less than £250 per annum, with board, lodging, and laundry. Candidates must be prepared to participate in the special hospital arrangements, in connexion with which beds are reserved.

Applications must be made on forms to be obtained from the undersigned and should be sent in, with copies of not more than three testimonials, as soon as possible.

CHARLES H. BESSELL, Secretary.

## The Queen's Hospital for Children,
Hackney-road, E.2.

AMENDED ADVERTISEMENT.

CASUALTY OFFICER (B2) required March 1st, 1941.
HOUSE PHYSICIAN (B2) required March 1st, 1941.

Six months' appointments. R practitioners now holding A posts are invited to apply. Salary which, with certain additions, will amount to not less than £150 per annum, with board, lodging, and laundry in each case. Candidates must be prepared to participate in the special hospital arrangements, in connexion with which beds are reserved.

Applications must be made on forms to be obtained from the undersigned and sent in, with copies of not more than three testimonials, as soon as possible.

CHARLES H. BESSELL, Secretary.

## West London Hospital, Hammersmith,
W.6.

Appointment of RESIDENT ANÆSTHETIST and E.N.T. & OPHT. HOUSE SURGEON (B2). Applications are invited from registered medical practitioners, Male or Female, for the above appointment to become vacant on 10th March, including R practitioners who now hold A posts.

The appointment is for a period of six months in the first instance, terminable by one month's notice on either side. Salary according to experience, not less than at the rate of £100 per annum, with the usual residential emoluments.

Applications, stating age, qualifications with dates, nationality and present post, should be accompanied by copies of three recent testimonials and sent to the undersigned not later than 27th February.

H. A. MADGE, Secretary.

## Lancashire County Council.

ORMSKIRK COUNTY HOSPITAL.

APPOINTMENT OF A JUNIOR RESIDENT MEDICAL OFFICER (A).

Applications are invited from registered medical practitioners, Male and Female, for the appointment of a Junior Resident Medical Officer (A) at the above Hospital, including R practitioners within three months of qualification.

If held by an R practitioner the appointment will be for a period of six months, otherwise the successful applicant will be eligible for reappointment for a further period of six months.

Salary is at the rate of £200 per annum, with full residential emoluments.

The person appointed will be required to take up duty as early as possible. Forms of application may be obtained from the County Medical Officer of Health, Hospital and Medical Department, County Offices, Preston, to whom all applications, accompanied by copies of three recent testimonials, must be forwarded not later than the 24th February, 1941.

GEORGE ETHERTON, Clerk of the County Council.

County Offices, Preston, 10th February, 1941.

## Rochdale Infirmary and Dispensary,
LANCS. (110 Beds.)

APPOINTMENT OF HOUSE PHYSICIAN (A).

The Board of Management invites applications for the appointment of House Physician (A appointment) now vacant, including R practitioners within three months of qualification. If held by R practitioner, appointment will be for a period of six months. The duties include work in the Out-patient, Aural, Ophthalmic, &c. Departments as well as in the wards. The Hospital covers a large industrial area, and affords excellent opportunity for experience.

Salary attached to the appointment is at the rate of £150 per annum, including board, residence, and laundry.

The successful candidate will be required to be a member of a medical defence society.

Applications, stating age, nationality, &c., together with copies of three recent testimonials, to be sent to the Secretary.

W. WYNNE, Secretary.

Infirmary Office, Rochdale.

## Royal Sussex County Hospital,
BRIGHTON. (375 Beds.)

APPOINTMENT OF A CASUALTY HOUSE SURGEON (A).

Applications are invited from registered medical practitioners (Male), including R practitioners within three months of qualification, for the appointment of a House Surgeon (A), to become vacant about 1st March, 1941. If held by an R practitioner, appointment will be for a period of six months. Otherwise it will be for a period of at least six months. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent as soon as possible to the undersigned.

L. L. W. LANCASTER-GAYE, Secretary-Superintendent.

## Children's Hospital, Nottingham.

Applications are invited for the post (B1) of RESIDENT HOUSE SURGEON (Woman). The salary will be at the rate of £200 per annum, with apartments, board, and laundry. The appointment will be for six months, duties to commence on or about the 1st March, 1941.

Applications, together with testimonials, stating age, nationality, qualifications, and experience, to be sent to the HONORARY SECRETARY, 1, King John's Chambers, Bridlesmith Gate, Nottingham, forthwith.

Selected candidates will be required to attend at the Hospital for a personal interview.

## North Riding Infirmary,
MIDDLESBROUGH.
(General Hospital: 143 Beds—Three Residents.)

Applications are invited from qualified medical practitioners (including R practitioners within three months of qualification) for the appointment of HOUSE SURGEON (A), which will become vacant on the 1st March, 1941. Salary £170 per annum, with board, residence, and laundry. If held by an R practitioner, appointment will be for a period of six months.

Applications, stating age, qualifications, and accompanied by copies of recent testimonials, should be sent to the undersigned forthwith.

GERALD A. KENYON, Secretary-Superintendent.

# HIS MAJESTY'S COLONIAL SERVICE

## THE COLONIAL MEDICAL SERVICE

## VACANCIES FOR MEDICAL OFFICERS

**The maintenance of an efficient Colonial Medical Service constitutes a vital part of the national war effort and it is most important that the Service should be assured of an adequate supply of doctors.**

**The Secretary of State for the Colonies therefore invites applications from doctors possessing a medical qualification registrable in the United Kingdom who are British subjects and who are under thirty-five years of age.**

**Medical Officers are appointed in the first instance for general service. But there are ample opportunities for work in special branches of medicine and surgery, in public health and in medical research.**

**The normal salary scale is from £600 to between £1,000 and £1,120. There are large numbers of super-scale posts to which promotion is made on merit and which carry higher salaries.**

**Government quarters, in many cases free of rent, and first-class passages to and from the Colonies are provided, and an adequate pension scheme is in force.**

**Selected candidates are normally required to attend a course of instruction in Tropical Medicine and Hygiene either before proceeding overseas or during their first period of leave.**

**Further particulars, including the regulations governing admission to the Colonial Medical Service, may be obtained from the Director of Recruitment (Colonial Service), 39, Queen Anne's-gate, London, S.W.1.**

## Addenbrooke's Hospital, Cambridge.

APPOINTMENT OF HOUSE OFFICER (A) TO THE LEYS SCHOOL SANATORIUM ANNEXE.

Applications are invited from registered medical practitioners (unmarried), Male and Female, for the appointment of House Officer (A) to the Leys School Sanatorium Annexe (77 Beds, of which 35 are for Ear, Nose, and Throat cases), including R practitioners within three months of qualification. The appointment will commence on March 1st, 1941, or nearest date possible, and is for a period of six months, but is terminable at an earlier date by one month's written notice on either side. Salary at the rate of £130 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than Wednesday, February 26th.

J. A. BEARDSALL, Secretary-Superintendent.

## The Royal Liverpool United Hospital.

Applications are invited from registered medical practitioners, Male and Female, including R practitioners who now hold A posts, for the appointments of CASUALTY OFFICERS (B2) at the ROYAL SOUTHERN HOSPITAL and LIVERPOOL STANLEY HOSPITAL, branches of The Royal Liverpool United Hospital. The successful candidates will take up duties immediately and in the case of R practitioners the appointments will terminate on 30th June, 1941.

Salaries are at the rate of £100 per annum, with board and residence, or £120 per annum, with board and residence, where a previous resident post has been held. In the case of the Senior Casualty Officer at the Southern Hospital, some additional salary is available from the Local Authority for the supervision of the First Aid Posts.

Applications, stating age, qualifications with dates, nationality, and present post, should be sent to the undersigned not later than Monday, 3rd March, 1941. Testimonials are not required from students of the Liverpool Medical School.

A. V. J. HINDS, Secretary.

The Royal Liverpool United Hospital, 641, India Buildings, Liverpool, 2, 15th February, 1941.

## Kent and Canterbury Hospital,

CANTERBURY.

(4 R.M.O.'s.—364 Beds.)

Applications are invited from registered medical practitioners (Male or Female) for the appointment of a HOUSE SURGEON (A), including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Salary is at the rate of £125 per annum, with full residential emoluments.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

J. F. KENT, Superintendent and Secretary.

## Oldham Royal Infirmary.

(186 Beds.)

APPOINTMENT OF HOUSE PHYSICIAN AND ASSISTANT CASUALTY OFFICER (A).

Applications are invited from registered medical practitioners, Male and Female, for the combined post of House Physician and Assistant Casualty Officer (A), including R practitioners within three months of qualification.

If held by an R practitioner, appointment will be for a period of six months.

Salary is at the rate of £175 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than the 19th February, 1941.

F. W. BARNETT, General Superintendent and Secretary.

## Tewkesbury Borough, Gloucester Rural

AND NEWENT RURAL UNITED DISTRICTS (MEDICAL OFFICER OF HEALTH) JOINT COMMITTEE, AND CHARLTON KINGS URBAN, CHELTENHAM RURAL AND NORTH COTSWOLD RURAL UNITED DISTRICTS (MEDICAL OFFICER OF HEALTH) JOINT COMMITTEE.

APPOINTMENT OF TEMPORARY MEDICAL OFFICER OF HEALTH.

Applications are invited from qualified medical practitioners who are ineligible for Military Service for the temporary appointment of Medical Officer of Health for the following districts, viz :—

Tewkesbury Borough.
Gloucester Rural District.
Newent Rural District.
Charlton Kings Urban District.
Cheltenham Rural District.

The appointment is a temporary one and will probably be for the duration of the present emergency and will be subject to three months' notice.

The salary will be £720 per annum and an allowance of £160 per annum will be paid in respect of travelling.

The person appointed will be required to devote the whole of his time to the duties of the office.

Applications, endorsed "Temporary Medical Officer of Health," stating age, qualifications and particulars of previous experience, accompanied by copies of three recent testimonials, must be sent to the undersigned not later than Friday, the 28th February, 1941.

W. J. KNIGHT,
Clerk to Tewkesbury Borough, etc. Joint Committee.

Berkeley Chambers, Gloucester.
10th February, 1941.

## Salisbury General Infirmary.

(Voluntary Hospital. 225 Beds.)

APPOINTMENT OF HOUSE SURGEON (A).

Applications are invited from registered medical practitioners (Male), including R practitioners within three months of qualification, for the post of House Surgeon (A), to become vacant on February 18th, 1941. If held by an R practitioner, appointment will be for a period of six months. Salary is at the rate of £125 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

JOHN WILLIAMS, Secretary-Superintendent.

## The Stamford, Rutland and General

INFIRMARY.

Applications are invited from registered medical practitioners for the post of RESIDENT SURGICAL OFFICER (B2) now vacant. The post is tenable for the period of six months from January, 1941. Suitably qualified R practitioners holding A appointments are invited to apply. Salary is at the rate of £220 per annum, with board and residence.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent to the undersigned forthwith.

H. F. DONALD, Secretary.

The Stamford, Rutland and General Infirmary,
Stamford, Lincs.

## The Cassel Hospital for Functional

NERVOUS DISORDERS, ASH HALL, BUCKNALL, STOKE-ON-TRENT.

ASSISTANT PHYSICIAN required, to commence duties as soon as possible. Previous experience in Psychotherapy essential. Salary £600 to £800, according to experience, plus £100 in lieu of emoluments. The post is non-resident, but a successful candidate will be required to live in the neighbourhood of the Hospital.

Applications, with testimonials, to be sent to the MEDICAL DIRECTOR at the above address.

## Warrington Infirmary.

APPOINTMENT OF A HOUSE SURGEON (A).

Applications are invited from registered medical practitioners (Male) for the appointment of House Surgeon (A), to become vacant on the 1st April, including R practitioners within three months of qualification.

If held by an R practitioner the appointment will be for a period of six months.

Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, accompanied by copies of three recent testimonials, should be sent to the undersigned not later than Saturday, 1st March.

HENRY L. BOOT, Superintendent and Secretary.

## The Duchess of York Hospital for BABIES, MANCHESTER.

(80 Beds.)

Applications are invited from registered medical practitioners, Male and Female, for the appointment of SENIOR RESIDENT MEDICAL OFFICER (B1), to become vacant on the 1st April, 1941, including R practitioners who now hold B2 or B1 posts. The appointment is for six months and the salary at the rate of £175 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than 26th February, 1941.

LOUISE GILLESPIE, Secretary.

## King Edward VII. Hospital, Windsor.

Applications are invited from registered medical practitioners, including R practitioners within three months of qualification, for the appointment of CASUALTY OFFICER (A). If held by R practitioners, the appointment will be for a period of six months. The salary is at the rate of £120 per annum, with full residential emoluments.

Applications, stating age, qualifications, and nationality, together with copies of three recent testimonials, should be sent to the undersigned as soon as possible.

GEORGE WESTON, Secretary.

## Pontefract General Infirmary and THE HYDES HOSPITAL.

(112 Beds.)

HOUSE SURGEON (A).

Applications are invited from registered medical practitioners, Male, for the appointment of a House Surgeon (A), to become vacant immediately, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Salary £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

D. J. RICHARDS, Secretary-Superintendent.

## Sussex Eye Hospital, Eastern Road, BRIGHTON. (48 Beds.)

Applications are invited from registered medical practitioners for the appointment of a HOUSE SURGEON (B2) (Male or Female), vacancy immediately, including R practitioners who now hold A posts. Salary is at the rate of £150 per annum, with full residential emoluments. If held by an R practitioner the appointment is limited to six months.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

PERCY F. SPOONER, Assistant Secretary.

7th February, 1941.

## Royal Sheffield Infirmary and Hospital.

Applications are invited from registered medical practitioners for the appointments of NON-RESIDENT WHOLE-TIME CLINICAL ASSISTANTS (B2 posts) to the EAR, NOSE, AND THROAT DEPARTMENTS at the Royal Infirmary and Royal Hospital, Sheffield, now vacant.

Applicants should have held house appointments and had experience. Suitably qualified R practitioners holding A appointments are invited to apply. Salary £300 per annum.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by three recent testimonials, should be sent to the undersigned forthwith.

W. H. BOOTH, Secretary.

West-street, Sheffield.

## Birmingham and Midland Hospital for WOMEN.

Applications are invited from registered medical practitioners (Male and Female) for the appointment of HOUSE SURGEON (B2), now vacant, including R practitioners who now hold A posts. The appointment is for six months. Salary to be at the rate of £100 per annum.

Applications, with full particulars and copies of testimonials, to be sent immediately to HUGH C. ASTON, 45, Newhall-street, Birmingham, 3.

## Royal Manchester Children's Hospital, PENDLEBURY, Near MANCHESTER.

RESIDENT MEDICAL OFFICER.
(B1 Appointment).

Applications are invited for the post of Resident Medical Officer. Salary £150 per annum. The appointment is for a period of six months, commencing 1st March, 1941. Candidates must be unmarried. Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply.

Applications, stating age, and accompanied by copies of not more than three recent testimonials, to be sent to the undersigned immediately.

Canvassing, directly or indirectly, may disqualify.

By Order,
H. HEARDMAN, Secretary.

## City of Birmingham.

JUNIOR RESIDENT MEDICAL OFFICERS
(MALE OR FEMALE)—A POSTS.

Applications are invited from registered medical practitioners, including R practitioners within three months of qualification, for Junior Resident Medical Officers (Male or Female) at the MUNICIPAL GENERAL HOSPITALS for the treatment of medical and surgical cases. Salary at the rate of £200 per annum, with full residential emoluments. The appointments, if held by R practitioners, will be limited to six months, otherwise for a period of not less than six months.

Further particulars may be obtained from the Medical Superintendents, and applications, stating age, experience, and qualifications, with copies of recent testimonials, should be forwarded to the MEDICAL OFFICER OF HEALTH, Council House, Congreve-street, Birmingham, 3, not later than Thursday, 27th February, 1941.

## City of Birmingham.

ROMSLEY HILL SANATORIUM. (120 Beds.)

RESIDENT ASSISTANT MEDICAL OFFICER
(MALE OR FEMALE)—A POST.

Applications are invited from registered medical practitioners, including R practitioners within three months of qualification, for a Resident Assistant Medical Officer (Male or Female), A post. Candidates must be unmarried and have held resident hospital appointment since qualifying. Experience in the diagnosis and treatment of tuberculosis will be a recommendation.

The appointment will be limited in the first instance to six months, and, subject to satisfactory service, may be extended for a further six months. If held by an R practitioner the appointment will be for a period of six months. The salary will be at the rate of £275 per annum for the first six months and £300 per annum for the second six months, with board and residence in each case.

Forms of application may be obtained from the MEDICAL SUPERINTENDENT, Romsley Hill Sanatorium, Halesowen, near Birmingham, and should be returned to him not later than Thursday, 27th February, 1941.

## Bradford Children's Hospital.

HOUSE SURGEON (A post) (Male or Female) wanted immediately. R practitioners within three months of qualification are invited to apply, when appointment will be limited to six months.

Salary £150 per annum, with board, residence, and laundry.

Applications, stating age and nationality, with recent testimonials, stating when duties can be commenced, to

J. W. LONGLEY, Secretary-Superintendent.

## City and County of Kingston upon Hull.

TEMPORARY MEDICAL OFFICER (MALE) FOR A.R.P. CASUALTY SERVICES.

Applications for the above appointment are invited from qualified medical practitioners with experience in the administration of A.R.P. Casualty Services. The officer appointed will be responsible to the Medical Officer of Health for the administration of the Casualty Services, and his duties will include lecturing in First Aid and the training of personnel.

Candidates must be over military age and must have had practical experience in the operation of Casualty Services under air-raid conditions.

The salary will be at the rate of £800–£1000 per annum, according to experience.

Application forms may be obtained from and should be returned (together with copies of three recent testimonials) to the undersigned, endorsed "A.R.P. Medical Officer," not later than Monday, February 24th, 1941.

N. GEBBIE, M.D., Medical Officer of Health.

Health Department, Guildhall, Hull, February 10th, 1941.

## Doncaster Royal Infirmary.

Applications are invited from registered medical practitioners including R practitioners within three months of qualification, for a HOUSE SURGEON (Male) (A) appointment, required immediately. The appointment is for six months.

Salary at the rate of £175 per annum, with residence, board, and laundry.

This large industrial area offers excellent opportunities for gaining experience.

Applications, accompanied by not more than three testimonials, to be sent to the undersigned immediately.

R. LANCASTER, Secretary-Superintendent.

## City of Salford.

APPOINTMENT OF MEDICAL OFFICER OF HEALTH.

Applications are invited from duly qualified persons for appointment to the position of Medical Officer of Health at an inclusive commencing salary of £1200 per annum, rising by three annual increments of £60 and one of £25 to a maximum of £1405 per annum.

The salary is subject to a cost of living bonus in accordance with the recommendation dated 1st February, 1940, of the National Joint Council for Local Authorities' Administrative, Technical and Clerical Services.

The appointment is subject to the provisions of the Local Government Superannuation Act, 1937.

Forms of application will not be issued, but Conditions of Appointment will be supplied by the Town Clerk upon receipt of a stamped-addressed envelope.

Applications endorsed "Medical Officer of Health" must be forwarded to reach the Town Clerk, Town Hall, Salford 3, not later than 12 o'clock noon on Friday, 21st February, 1941.

APPOINTMENT OF MEDICAL SUPERINTENDENT OF HOPE HOSPITAL.

Applications are invited for appointment to the position of Medical Superintendent of Hope Hospital, which is a Municipal General Hospital, at an inclusive commencing salary of £1000 per annum, rising by biennial increments of £50 to a maximum of £1100 per annum.

The salary is subject to a cost of living bonus in accordance with the recommendation dated 1st February, 1940, of the National Joint Council for Local Authorities' Administrative, Technical and Clerical Services.

The appointment will be non-resident in the first instance, but the person appointed will be required to reside in the vicinity of the Hospital. An unfurnished house, with rent, rates, fuel and light free, may be provided by the Corporation at a later date, and the cash remuneration will then be reduced by £150 per annum in respect of these emoluments.

The Medical Superintendent will work under the general supervision and control of the Medical Officer of Health.

The appointment is subject to the provisions of the Local Government Superannuation Act, 1937.

Forms of application and Conditions of Appointment may be obtained from the Medical Officer of Health, 143, Regent Road, Salford.

Forms of application, when completed, must be endorsed "Medical Superintendent of Hope Hospital," and forwarded to reach the Medical Officer of Health not later than 12 o'clock noon on Friday, 21st February, 1941.

H. H. TOMSON, Town Clerk.

## The Guest Hospital, Dudley.

(The Resident Staff consists of a Resident Surgical Officer and Three House Surgeons.)

Applications are invited from registered medical practitioners, Male, for the appointment of a HOUSE SURGEON (A) now vacant, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Salary at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned forthwith.

H. RAYMOND HURST, House Governor and Secretary.

31st January, 1941.

## Children's Hospital, Nottingham.

Applications are invited for the post (B1) of RESIDENT HOUSE PHYSICIAN (Woman). The salary will be at the rate of £200 per annum, with apartments, board, and laundry. The appointment will be for six months, duties to commence on the 1st April, 1941.

Applications, together with testimonials, stating age, nationality, qualifications, and experience, to be sent to the HONORARY SECRETARY, 1, King John's-chambers, Bridlesmith-gate, Nottingham, on or before Tuesday, 18th February, 1941.

Selected candidates will be required to attend at the Hospital for a personal interview.

## Ancoats Hospital, Manchester.

EAR, NOSE, AND THROAT DEPARTMENT.

Applications are invited from qualified medical practitioners, Gentleman or Lady, for the post of CLINICAL ASSISTANT to the above department. Attendance on Thursday afternoon at 2 o'clock to assist in the Outpatient department clinic, for which a payment of 10s. 6d. per attendance will be made.

Apply, stating age, qualifications, and experience, together with copies of three recent testimonials, to

HERBERT J. DAFFORNE,
General Superintendent and Secretary.

## Royal Halifax Infirmary.

Applications are invited from registered medical practitioners (Male), including R practitioners within three months of qualification, for CASUALTY OFFICER (A). Salary £150 per annum, with full residential emoluments.

If held by an R practitioner the appointment will be for a period of six months.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

A. MIDGLEY, Secretary.

2nd January, 1941.

## Birmingham Accident Hospital and REHABILITATION CENTRE.

CLINICAL DIRECTOR.

The Provisional Board of the Hospital invite applications for the above appointment from medical practitioners registered in this country and being Fellows of the Royal College of Surgeons of England or Edinburgh.

The Queen's Hospital, Birmingham, is to be adapted, fully equipped and staffed for 280 beds specially devoted (after the manner of Dr. Bohler's Clinic) to the treatment of fractures, injuries of the soft parts and burns, and will incorporate a centre for the rehabilitation of patients.

Applicants, with experience of the direction of a similar hospital or clinic, should have special training in the treatment of fractures and other injuries and preferably should not be more than 45 years of age.

The person appointed will be responsible—

(1) To the Board for the direction of all clinical services in the Hospital.
(2) For the teaching of medical students and for such post-graduate teaching as may be desirable, in association with the Medical Faculty of the University of Birmingham.
(3) For the training of first-aid workers as may be arranged.

The commencing salary will be £1,500 per annum. All fees, with certain exceptions, received by the Director will be paid into the Hospital's funds. Provision will be made for superannuation. The appointment will be determinable by three months' notice on either side.

Members of the medical profession serving with the Emergency Medical Service may apply.

Candidates must address their applications, marked "Clinical Director," stating qualifications, experience and age, together with copies of three recent testimonials and the names of at least two assessors who have personal knowledge of the candidate, to the undersigned so as to be received not later than 31st March, 1941.

Canvassing either directly or indirectly will disqualify applicants.

A. J. G. SMOUT, Chairman.

Birmingham Accident Hospital, 161, Corporation Street,
Birmingham, 4, 28th January, 1941.

## Derbyshire Royal Infirmary, Derby.

(General Hospital, 416 Beds.)

Applications are invited from registered medical practitioners (Male and Female) for the appointment of an EAR, NOSE, AND THROAT HOUSE SURGEON (A), vacant now, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Otherwise it will be for a period of twelve months.

Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

ARTHUR TAYLOR, Superintendent and Secretary.

## Derbyshire Royal Infirmary, Derby.

(General Hospital, 416 Beds.)

Applications are invited from registered medical practitioners, Male and Female, for the appointment of a RESIDENT ANÆSTHETIST (A), now vacant, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be limited to six months. Otherwise it will be for a period of twelve months.

Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

ARTHUR TAYLOR, Superintendent and Secretary.

## Derbyshire Royal Infirmary, Derby.

(416 Beds.)

APPOINTMENT OF RESIDENT SURGICAL OFFICER AND ORTHOPÆDIC REGISTRAR (B1).

Applications are invited from registered medical practitioners for the appointment of Resident Surgical Officer and Orthopædic Registrar. Applicants should have held house appointments and had surgical experience. Salary is at the rate of £250. R practitioners holding B2 or B1 posts may apply.

Applications, stating age, nationality, qualifications, experience, and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent to the undersigned on or before February 21st.

ARTHUR TAYLOR, Superintendent and Secretary.

## County Borough of Brighton.

JUNIOR RESIDENT MEDICAL OFFICER (B2) AT INFECTIOUS DISEASE HOSPITAL AND SANATORIUM.

Applications are invited for the above appointment from registered medical practitioners. In the case of Male applicants this includes R practitioners now holding A posts.

Salary £250 per annum, with residential emoluments.

The appointment affords opportunities for experience in all branches of the work of a Public Health Department, including some Civil Defence duties.

Particulars and forms of application can be obtained from the undersigned and should be returned forthwith.

RUTHERFORD CRAMB, Medical Officer of Health.

Royal York Buildings, Brighton, 1, 3rd February, 1941.

## County Borough of Northampton

APPOINTMENT OF ASSISTANT MEDICAL OFFICER OF HEALTH.

The Town Council of Northampton invites applications from registered Male medical practitioners for the post of Assistant Medical Officer of Health, which is a whole-time appointment.

Candidates must possess the Diploma in Public Health and have had experience in a General Hospital and in Tuberculosis, Maternity and Child Welfare, Fevers, and general Public Health work. Experience in connexion with A.R.P. services will be considered an additional qualification.

The appointed officer will be required to devote the whole of his time to the duties of the office, under the direction of the Medical Officer of Health. For the duration of the war, it is expected that his main duties will be organising and supervising, &c., the A.R.P. Casualty Services of the Local Authority.

The appointment will be subject to approval by the Minister of Health and be terminable by three months' notice on either side. The post is subject to the provisions of the Local Government Superannuation Acts, and the successful candidate will be required to pass satisfactorily a medical examination.

The salary will be £650 (plus a cost-of-living bonus at present amounting to £24 per annum), rising by two annual increments of £25 to a maximum of £700 per annum.

Applications, on a form to be obtained from the Medical Officer of Health, 7A, St. Giles'-square, Northampton, and accompanied by copies of three recent testimonials, should reach the undersigned not later than Tuesday, 25th February, 1941.

W. R. KEW, Town Clerk.

Guildhall, Northampton, 3rd February, 1941.

## Brighton Education Committee.

TEMPORARY ASSISTANT TO SCHOOL MEDICAL OFFICER AND ASSISTANT TO MEDICAL OFFICER OF HEALTH (MALE OR FEMALE).

Applications are invited for this appointment.

Candidates must be competent in refraction work and experience in children's diseases and in school medical inspection would be an advantage.

Salary £500 per annum.

Applications, on forms to be obtained from the undersigned, together with copies of three recent testimonials, must be returned not later than Friday, the 28th February, 1941.

Canvassing will be regarded as a disqualification.

F. HERBERT TOYNE, Education Officer.

54, Old Steine, Brighton, 1.

## Hull Royal Infirmary.

Applications are invited from registered medical practitioners (Male), including R practitioners within three months of qualification, for the post of CASUALTY OFFICER (A) vacant now.

Applications are also invited for the post of HOUSE PHYSICIAN (B2), vacant February 28th. The post is recognised for the M.D. (London) examination.

If either of the above posts is held by an R practitioner, the appointment will be limited to six months.

The salary for each post is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of recent testimonials, should be sent to the undersigned.

R. J. CARLESS, House Governor.

## Leigh Infirmary, Lancs.

Applications are invited from Male registered medical practitioners, for the appointment of HOUSE SURGEON (A), to become vacant on the 1st April, including R practitioners within three months of qualification. If held by an R practitioner, the appointment will be for a period of six months. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than 28th February, 1941.

B. R. CARTER, Secretary-Superintendent.

## Manchester and Salford Hospital for SKIN DISEASES.

(54 Beds.—15,000 Outpatients per annum.)

HOUSE SURGEON (A).

Applications are invited, including R practitioners within three months of qualification, for the post of House Surgeon (A). Must be registered. The appointment is for six months. Salary at the rate of £150 per annum, with board and residence.

Applications, with copies of three testimonials, to be sent to the undersigned, Quay-street, Manchester, as soon as possible.

JOHN NALL Secretary.

## North Riding Infirmary, Middlesbrough.

(General Hospital—143 Beds—Three Residents.)

Applications are invited from registered medical practitioners, including R practitioners within three months of qualification, for the appointment of CASUALTY HOUSE SURGEON (A) to become vacant on February 1st next. Salary £150 per annum, with board, residence, and laundry. Appointment will be for six months.

Applications, stating age, qualifications, and accompanied by copies of recent testimonials, should be sent to the undersigned forthwith.

GERALD A. KENYON, Secretary-Superintendent.

## City of Plymouth.

CITY GENERAL HOSPITAL.

DEPUTY MEDICAL SUPERINTENDENT—TEMPORARY APPOINTMENT.

Applications are invited from registered medical practitioners for the temporary post (for the duration of the war) of Deputy Medical Superintendent (B1) at the City Hospital, Plymouth.

The appointed candidate will work under the supervision of the Medical Superintendent. The duties are mainly medical and candidates should have had post-graduate medical experience. Preference will be given to candidates possessing a higher medical qualification. Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply. Salary is at the rate of £450 per annum, rising by annual increments of £50 to £550, with full residential emoluments.

The appointment will be held during the pleasure of the Council and will be subject to—

(1) Candidates passing a medical examination;

(2) Six weeks' notice on either side.

The officer will be required to refund to the Council all fees, allowances, and emoluments, other than the foregoing, received by him.

Further particulars of the office may be obtained from the Medical Superintendent, The City Hospital, Plymouth.

Forms of application may be obtained from the undersigned and should be returned, accompanied by copies of not more than three recent testimonials, not later than 24th February, 1941.

T. PEIRSON.

## City of Portsmouth.

SAINT MARY'S HOSPITAL. (1275 Beds.)

Applications are invited for the immediate appointment of JUNIOR ASSISTANT RESIDENT MEDICAL OFFICERS (A posts). Applicants may include R practitioners within three months of qualification. If held by an R practitioner, appointment will be limited to six months, otherwise it will be for a period of twelve months. Salary at the rate of £200 per annum, with residential emoluments valued at £125 per annum.

The above appointments are subject to the provisions of the Local Government Superannuation Act, 1937.

Application forms may be obtained from, and must be returned to, the Medical Officer of Health, Northern Secondary School, Portsmouth, forthwith.

F. J. SPARKS, Town Clerk.

Municipal Offices, Royal Beach Hotel, Southsea, 29th January, 1941.

## East Suffolk and Ipswich Hospital.

(400 Beds—8 Residents.)

Applications are invited from registered medical practitioners (Male or Female) for the following vacancies:—

HOUSE PHYSICIAN (B2), open to R practitioners who now hold A posts.

HOUSE SURGEON to GYNÆCOLOGIST (A).

HOUSE SURGEON to the EAR, NOSE, AND THROAT and OPHTHALMIC DEPARTMENTS (A).

CASUALTY OFFICER (A).

The above are open to R practitioners within three months of qualification.

Appointments for all posts will be for six months. Salary at the rate of £144 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, to be sent to the undersigned immediately.

ARTHUR GRIFFITHS, Secretary.

The Hospital, Ipswich, 8th February, 1941.

## Royal Buckinghamshire Hospital, AYLESBURY.

Applications are invited for the post of HONORARY MEDICAL-OFFICER-IN-CHARGE of the ELECTRO-THERAPY AND MASSAGE DEPARTMENT. Duties will include holding of regular weekly out-patient clinic. Further information, if desired, may be obtained from the SECRETARY, Royal Buckinghamshire Hospital, Aylesbury, to whom applications, stating age, qualifications, etc., supported by two recent testimonials, should be sent not later than 28th February, 1941.

## Newark General Hospital.

(66 Normal Beds.)

Applications are invited from registered medical practitioners (Male), including R practitioners within three months of qualification, for appointment of JUNIOR HOUSE SURGEON (A), now vacant. The appointment is for six months. Salary at the rate of £175 per annum, with full residential emoluments.

Applications, stating age, nationality, qualifications with dates, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

B. C. DION, Secretary-Superintendent.

## The Royal Earlswood Institution FOR MENTAL DEFECTIVES, REDHILL, SURREY.

ASSISTANT MEDICAL OFFICER (B1) required; Male (British birth), unmarried. R practitioners holding B2 or B1 posts may apply. Salary £350 per annum, with board-residence.

Applications, with copies of three recent references, should be addressed to the MEDICAL SUPERINTENDENT, endorsed "Assistant Medical Officer."

## County Borough of Preston.

SHARÒE GREEN HOSPITAL. (250 Beds.)

ASSISTANT RESIDENT MEDICAL OFFICER (B1) (FEMALE).

Applications are invited from fully qualified and registered practitioners for the above appointment. Salary at the rate of £350, rising by annual increments of £25 to £450 per annum plus war bonus, with full board and residence.

Previous experience in midwifery is essential, the duties consisting mainly of obstetrical work (35 maternity beds are provided) with the addition of the clinical pathological work of the hospital.

Applications, stating age, qualifications and experience, together with copies of three recent testimonials, should reach the Medical Superintendent not later than first post on Saturday, 22nd February, 1941.

The successful candidate will be required to contribute to the Council's superannuation scheme.

## Preston and County of Lancaster

QUEEN VICTORIA ROYAL INFIRMARY.
(General Hospital. 404 Normal Beds.)

Applications are invited from single medical Men, including R practitioners holding A posts, for the post of CASUALTY OFFICER (B2) for six months, vacant now. Salary at the rate of £175 per annum, with the usual residential emoluments. Total resident staff, nine.

Applications, stating age, qualifications with dates, nationality, and present post, accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible. JOHN GIBSON, Superintendent and Secretary.

## Addenbrooke's Hospital, Cambridge.

APPOINTMENT OF HOUSE OFFICER TO THE EXAMINATION HALLS ANNEXE (A).

Applications are invited from registered medical practitioners (unmarried), Male and Female, for the appointment of House Officer to the Examination Halls Annexe (A) (100 Beds), to become vacant on March 1st, 1941, including R practitioners within three months of qualification. The appointment will be for a period of six months, but is terminable at an earlier date by one month's notice on either side. Salary is at the rate of £130 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than Wednesday, February 19th.

J. A. BEARDSALL, Secretary-Superintendent.

## Exminster Hospital, Exminster,

Near EXETER, DEVON.

Applications are invited for the appointment of a HOUSE SURGEON (A) (Male) under the Hospital Scheme, including R practitioners within three months of qualification, when the appointment will be for a period of six months. Salary £200 per year, all found.

Apply immediately to the MEDICAL SUPERINTENDENT, the Hospital, Exminster, Near Exeter, enclosing three copies of recent testimonials.

## Royal Sussex County Hospital,

BRIGHTON. (375 Beds.)

APPOINTMENT OF A HOUSE SURGEON (A).

Applications are invited from registered medical practitioners (Male), including R practitioners within three months of qualification, for the appointment of a House Surgeon (A) to become vacant about 22nd March, 1941. If held by an R practitioner, appointment will be for a period of six months; otherwise it will be for a period of at least six months. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent as soon as possible to the undersigned.

L. L. W. LANCASTER-GAYE, Secretary-Superintendent.

## The Children's Hospital, Sheffield

(INC.) (157 Beds.)

Applications are invited from registered medical practitioners, Male and Female, for the appointment of HOUSE SURGEON (A), to become vacant on 1st February, 1941, including R practitioners within three months of qualification. Appointment is for a period of six months. Salary at the rate of £100 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

T. H. G. GARTLAND, Superintendent and Secretary.

## Victoria Hospital, Accrington.

HOUSE SURGEON (A).

Applications are invited from registered Medical Practitioners (Male or Female) for appointment of House Surgeon (A), including R Practitioners within three months of qualifying. If held by an R Practitioner, appointment limited to six months. Salary rate £175 per annum, with full residential emoluments.

Application, stating age, qualifications, and nationality, and accompanied by copies of three recent testimonials, to be sent to undersigned.

J. KENYON, Financial Secretary.

## The Royal Hospital, Wolverhampton.

(Incorporated under Royal Charter.)
(310 Beds.)

Applications are invited for the post of ASSISTANT MEDICAL OFFICER (A) at The Royal Hospital, Wolverhampton. Salary at the rate of £150 per annum, with allowance for board. R practitioners within three months of qualification may apply, when appointment will be limited to six months.

The duties of the post, which will be those of the Senior Resident Officer in the Department of Medicine, may be obtained from the undersigned.

Applications should be received not later than the 24th inst.

W. H. HARPER, House Governor.

Wolverhampton, 3rd February, 1941.

## Wrexham & East Denbighshire War

MEMORIAL HOSPITAL.
(206 Beds.)

Applications are invited from registered medical practitioners (Male or Female) for the appointment of Three RESIDENT HOUSE SURGEONS (A), to become vacant on March 1st, 1941, including R practitioners within three months of qualification. The appointments are for a period of six months. Salary £150 per annum, with full residential emoluments.

Applications, stating age, nationality, experience, and qualifications, with copies of three recent testimonials, to be sent to the undersigned immediately.

LESLIE SPENCER, Secretary.

February 3rd, 1941.

## County Mental Hospital, Prestwich,

MANCHESTER.

LOCUM TENENS MEDICAL OFFICER (B1) required at the above Hospital. Salary £7 7s. per week, with board, lodging, and laundry. Copy testimonials only must be sent.

Candidates must be unmarried and registered under the Medical Act. Appointment terminable by one week's notice on either side.

Apply as soon as possible, stating age, hospital and other experience, qualifications, and full particulars, to the MEDICAL SUPERINTENDENT.

## Kent and Sussex Hospital,

TUNBRIDGE WELLS.

BROOMHILL BANK. (50 Beds.)
(Annexe to above Hospital.)

APPOINTMENT OF RESIDENT MEDICAL OFFICER (B2).

Applications are invited from registered medical practitioners, Male, for the appointment of Resident Medical Officer (B2), to become vacant February 17th, 1941, including R practitioners who hold A posts.

If held by an R practitioner the appointment will be limited to six months.

The salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, accompanied by copies of three recent testimonials to be sent to the undersigned as soon as possible.

TOM B. HARRISON, Superintendent-Secretary.

February 3rd, 1941.

## Royal Berkshire Hospital, Reading.

Applications are invited from registered medical practitioners (Male) for the appointment of HOUSE SURGEON (A) to the SPECIAL DEPARTMENTS (Ear, Nose, Throat and Eye), to become vacant immediately, including R practitioners within three months of qualification.

The appointment is for six months.

Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

H. E. RYAN, Secretary and House Governor.

## Birmingham and Midland Hospital for

WOMEN.

Applications are invited from registered medical practitioners (Male and Female) for the appointment of HOUSE SURGEON (B2), now vacant, including R practitioners who now hold A posts. The appointment is for six months. Salary to be at the rate of £100 per annum.

Applications, with full particulars and copies of testimonials, to be sent immediately to HUGH C. ASTON, C3, Kenilworth-court, Hagley-road, Birmingham, 16.

## Llanelly and District General

HOSPITAL. (148 Beds.)

Applications are invited from registered medical practitioners, Male and Female, for the appointment of HOUSE SURGEON AND ANÆSTHETIST (B2), including R practitioners who now hold A posts. If held by an R practitioner the appointment will be limited to six months. Salary according to experience and qualifications, with minimum of £200 per annum.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

RONALD HAWORTH, Secretary.

## North Staffordshire Royal Infirmary,
STOKE-ON-TRENT.

Applications are invited from registered medical practitioners, including R practitioners within three months of qualification, for the following A appointments:—
Two HOUSE SURGEONS.
Two HOUSE PHYSICIANS.
HOUSE SURGEON to E.N.T. and EYE DEPARTMENTS.
The above posts are vacant on the 1st April, 1941.
CASUALTY OFFICER, vacant 14th April, 1941.
The posts will be tenable for a period of six months and salary will be at the rate of £150 per annum, with board, residence, and laundry.

Applications are also invited from registered medical practitioners, including R practitioners now holding A posts, for the post of RESIDENT ANÆSTHETIST (B2), vacant 1st April, 1941. The appointment will be for a period of six months and salary is at the rate of £200 per annum.

Applications, stating age, qualifications with dates, and nationality, accompanied by three copy testimonials, should be sent to the undersigned as soon as possible.

THORNBURROW GIBSON,
Secretary and House Governor.

8th February, 1941.

## North Staffordshire Royal Infirmary,
STOKE-ON-TRENT.

Applications are invited from registered medical practitioners for the appointment of RESIDENT SURGICAL OFFICER (B1), now vacant. Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply. The Fellowship of one of the Royal Colleges of Surgeons is desirable.

Salary is at the rate of £350 per annum, with board, residence, and laundry, and the post is tenable for a period of twelve months.

Applications, stating age, nationality, qualifications, accompanied by three copy testimonials, should be sent to the undersigned as soon as possible.

THORNBURROW GIBSON,
Secretary and House Governor.

8th February, 1941.

## The St. Helens Hospital, St. Helens,
LANCS.

APPOINTMENT OF A HOUSE SURGEON (A).

Applications are invited from registered medical practitioners, Male, for the appointment of a House Surgeon (A), to become vacant on 1st March, 1941, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be limited to six months. Otherwise it will be for a period of at least six months. Salary £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than Thursday, 20th February, 1941.

GEO. HARPER, Secretary.

## East Sussex County Council.
SOUTHLANDS HOSPITAL (M.S.),
SHOREHAM-BY-SEA, SUSSEX.

APPOINTMENT OF RESIDENT ASSISTANT MEDICAL OFFICER (B1).

Applications are invited from registered medical practitioners for the appointment of Temporary Resident Assistant Medical Officer. Applicants should have held house appointments and have had special obstetrical and anæsthetics experience. Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply. Salary is at the rate of £400 per annum, with board, lodging, and laundry. The appointment will be subject to one month's notice on either side.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent to the Medical Superintendent not later than 5th March, 1941.

H. S. MARTIN, Clerk of the County Council.

## County Borough of Croydon.
RESIDENT ASSISTANT MEDICAL OFFICER,
CORPORATION OBSTETRICAL SERVICE (B1).

Applications are invited for this appointment from registered medical practitioners (either sex) who have had practical hospital experience in Gynæcology and Obstetrics, and of ante- and post-natal clinics. R practitioners holding B2 or B1 posts may apply.

The appointment will be for twelve months. Salary £350 per annum, with board-residence at Mayday Hospital and laundry, valued at £140.

The officer appointed will be on the staff of the Medical Officer of Health.

Application forms may be obtained from the Medical Officer of Health on receipt of a stamped addressed foolscap envelope, and should be returned to him not later than 11 A.M. on Monday, the 17th February, 1941, together with copies of three recent testimonials.

Canvassing will disqualify.

E. TABERNER, Town Clerk.

Town Hall, Croydon, 3rd February, 1941.

## Essex County Council.
BLACK NOTLEY SANATORIUM, near BRAINTREE.

JUNIOR RESIDENT MEDICAL OFFICER (B2).

The County Council of the Administrative County of Essex invite applications for the appointment of Junior Resident Medical Officer at the Black Notley Sanatorium, near Braintree, from registered medical practitioners (Male or Female), including R practitioners who hold A posts and who have not completed a five months' tenure of those posts.

The appointment would normally be for a period of one year, but if the successful applicant is an R practitioner the appointment will be limited to six months.

The salary payable will be at the rate of £250 per annum, together with the usual indoor emoluments valued at £160 per annum, and the successful candidate will be required to pass a medical examination and will be subject to the Council's Sick Pay Rules and Regulations, a copy of which will be forwarded on application.

Applications, on the prescribed form obtainable from the undersigned, should be addressed to me and delivered at the County Hall, Chelmsford, not later than 10 A.M. on Wednesday, the 26th day of February, 1941.

CHRISTIAN BERRIDGE,
Deputy Clerk of the County Council.

County Hall, Chelmsford, 5th February, 1941.

## Nottingham General Dispensary.
HYSON GREEN BRANCH, NOTTINGHAM.

Wanted, RESIDENT MEDICAL OFFICER (Female), unmarried. Must have medical and surgical qualifications. Salary £300, with £25 increase per year up to £350. House, with attendance, light, and fuel (not board).

The Institution is a non-provident one. No beds. No midwifery.

The person appointed will be required to take up duty as early as possible. Appointment for twelve months, terminable then or thereafter by three months' notice.

Applications, stating age, qualifications, and nationality, and accompanied by copies of recent testimonials, to be sent forthwith to—

R. J. WILLATT, Acting Secretary.

5, Thurland-street, Nottingham.

## General Hospital, Nottingham.
(501 Beds.)

Applications are invited from registered medical practitioners (Male and Female), including R practitioners within three months of qualification, for the appointment of RESIDENT CASUALTY OFFICER (A) for the above Hospital—duties to commence as soon as possible. The appointment is for six months. Salary at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and copies of testimonials, should be sent to the undersigned.

HENRY M. STANLEY, House Governor and Secretary.

## Liverpool and District Hospital for
DISEASES OF THE HEART, 34, Oxford-street,
LIVERPOOL, 7.

Applications are invited from registered medical practitioners (Male and Female), including R practitioners within three months of qualification, for the appointment of a HOUSE PHYSICIAN (A), to commence April 1st. If held by an R practitioner, appointment will be for a period of six months. Salary is at the rate of £100 per annum, with full residential emoluments. Facilities for M.D. thesis.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

Miss J. LEWIS, Secretary.

## Bromley and District Hospital,
BROMLEY, KENT.

Applications are invited, including R practitioners within three months of qualification, for the appointment of a HOUSE SURGEON (A) (Male), from 1st March, 1941, with full residential emoluments. Appointment six months, starting salary £156 5s.

Applications, stating age, qualifications, accompanied by recent testimonials, should be sent to the SECRETARY by 22nd February.

## Royal Lancaster Infirmary, Lancaster.
(178 Beds.)
(Five Resident Officers. Hospital recognised by the Royal College of Surgeons (England) for Two Senior Posts.)

JUNIOR HOUSE SURGEON (A) required March 1st. Salary £130 per annum, with board, residence, and laundry. R practitioners within three months of qualification may apply. Appointment is for six months. Duties, mainly anæsthetics and House Surgeon to Ear, Nose, and Throat and Eye Departments.

Applications, stating age, qualifications, experience, and nationality, together with copies of three recent testimonials to be sent to the undersigned not later than Monday, February 17th.

FRANK A. MILNES, Superintendent-Secretary.

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## Swansea General and Eye Hospital.

Applications are invited for the following appointments from registered medical practitioners (Male, single), including R practitioners within three months of qualification.

HOUSE SURGEON (A) to become vacant on the 14th February.

HOUSE PHYSICIAN (A) to become vacant on the 1st March.

Appointment for six months. Salary is at the rate of £150 per annum with full residential emoluments. Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be forwarded to the undersigned.

O. C. HOWELLS, Secretary-Superintendent.

## The Royal Hospital, Sheffield.

(Teaching Hospital. 422 Beds.)

Applications are invited from registered medical practitioners, Male and Female, including R practitioners within three months of qualification, for the following posts now vacant: ASSISTANT CASUALTY OFFICERS (Two) (A), HOUSE SURGEON (A), and HOUSE SURGEON to the EAR, NOSE, AND THROAT DEPARTMENT (A). If held by an R practitioner, appointment will be for a period of six months. Salary is at the rate of £80 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the SUPERINTENDENT at once.

## Lancashire County Council.

PUBLIC HEALTH DEPARTMENT.

COUNTY HOSPITAL, WHISTON, Near PRESCOT.

APPOINTMENT OF RESIDENT MEDICAL OFFICER (B2).

Applications are invited from registered medical practitioners (Male or Female) for the appointment of Resident Medical Officer (B2), including R practitioners who now hold A posts. The hospital is a general hospital dealing with acute work and comprises 800 Beds.

If the successful applicant is an R practitioner the appointment will be limited to six months. Otherwise the successful applicant will be eligible for reappointment for a further period of six months.

The salary is at the rate of £250 per annum, with the usual residential emoluments.

The person appointed will be required to take up duty as early as possible. Forms of application may be obtained from the County Medical Officer of Health, Hospital and Medical Department, County Offices, Preston, to whom all applications, accompanied by copies of not more than two recent testimonials, must be forwarded not later than Monday, the 24th February, 1941.

GEORGE ETHERTON, Clerk of the County Council.

County Offices, Preston, 10th February, 1941.

## Cornwall County Council.

Applications are invited from registered medical practitioners (preferably holding a Diploma in Public Health) for the appointment of a TEMPORARY ASSISTANT COUNTY MEDICAL OFFICER OF HEALTH for general Public Health duties. Salary at the rate of £600 a year, with travelling expenses on the County Scale.

Applications, stating age, qualifications, and experience, with copies of not more than three recent testimonials, should be sent to the County Medical Officer, County Hall, Truro, not later than the 24th February, 1941.

T. A. H. SHEERS, Clerk of the County Council.

County Hall, Truro, 5th February, 1941.

## Royal Cornwall Infirmary, Truro.

(185 Beds.—Three Residents.)

Applications are invited from registered medical practitioners, Male and Female, for the appointment of a HOUSE SURGEON (B2), in charge of the ORTHOPÆDIC AND FRACTURE AND CASUALTY DEPARTMENT, including R practitioners who hold A posts and who have not completed a five months' tenure of those posts. If held by an R practitioner the appointment will be limited to six months. The salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

W. E. GRENFELL, Hon. Secretary.

## Royal Cornwall Infirmary, Truro.

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Applications are invited from registered medical practitioners, Male and Female, for the appointment of a HOUSE PHYSICIAN (B2), in charge of the MEDICAL, EYE, EAR, NOSE, AND THROAT DEPARTMENT, including R practitioners who hold A posts and who have not completed a five months' tenure of those posts. If held by an R practitioner the appointment will be limited to six months. The salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

W. E. GRENFELL, Hon. Secretary.

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Applications, stating age, qualifications, with dates and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned forthwith.

H. KINGSLEY PEARCE,
General Superintendent and Secretary.

4th February, 1941.

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Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of two recent testimonials, should be forwarded immediately to the MEDICAL OFFICER OF HEALTH, Health Department, Town Hall, Newcastle upon Tyne, 1.

10th February, 1941.

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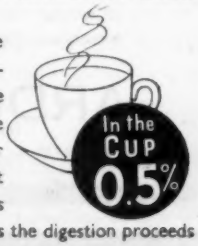


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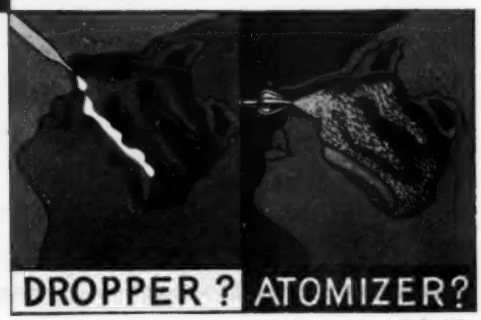


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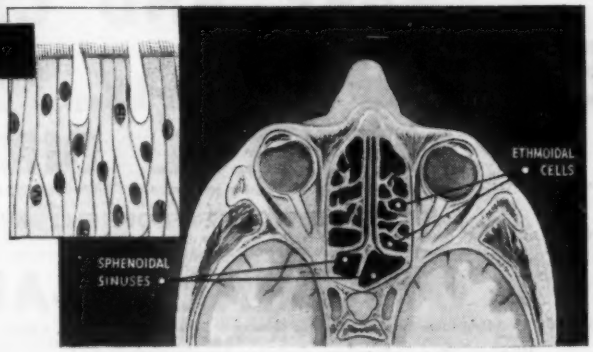


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* THE LANCET, 6th April, 1940, p. 649.

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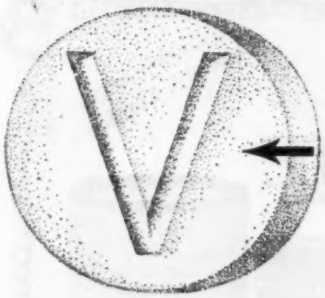


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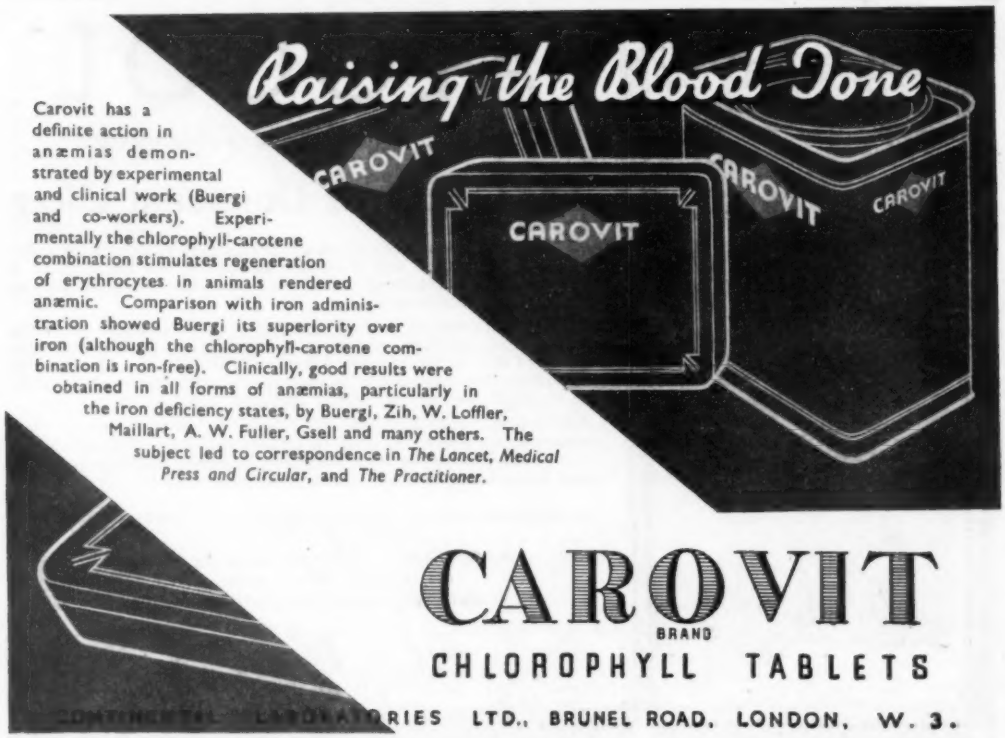


Carovit has a definite action in anæmias demonstrated by experimental and clinical work (Buergi and co-workers). Experimentally the chlorophyll-carotene combination stimulates regeneration of erythrocytes in animals rendered anæmic. Comparison with iron administration showed Buergi its superiority over iron (although the chlorophyll-carotene combination is iron-free). Clinically, good results were obtained in all forms of anæmias, particularly in the iron deficiency states, by Buergi, Zih, W. Loffler, Maillart, A. W. Fuller, Gsell and many others. The subject led to correspondence in *The Lancet, Medical Press and Circular*, and *The Practitioner*.

# CAROVIT
BRAND
CHLOROPHYLL TABLETS

CONTINENTAL LABORATORIES LTD., BRUNEL ROAD, LONDON, W. 3.

# PROKAYVIT

*Synthetic Analogues of Vitamin K for Oral and Parenteral Administration*

It has recently been pointed out that the decline in mortality rates during the last fifty years has not been equal at all ages and that the least satisfactory improvement has been among infants of under one year. Further, among such infants the principal single cause of death is intracranial hæmorrhage due to birth trauma which, it has been estimated, may account for 25 to 40 per cent. of the deaths of the newly-born.

The prophylactic administration of Vitamin K or of its synthetic analogues is suggested as a means of materially reducing the incidence of intracranial hæmorrhage. Prokayvit Oral and Prokayvit (for parenteral administration) are provided for the treatment of mother and infant.

The two following alternative methods of administration are suggested, the former probably being the more efficient :—

(1) **PROKAYVIT ORAL (in tablets)** *may be given to the mother during the 24 hours immediately before labour is expected to begin.*

(2) **PROKAYVIT ORAL (in solution in oil)** *may be administered to the infant within 24 hours of birth, or, in urgent cases, Prokayvit (for parenteral use) may be injected.*

*Literature and details of modes of issue on request*

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EXTRACT from LETTER :

I feel very grateful for the successful results that so quickly followed the use of the "Opocaps." Although I have retired from active practice, I assist my fellow medicos from time to time, and have recommended your "Opocaps" to several of my friends and others, and will continue to do so, because of the personal and most successful test I have made of them. L.R.C.P.I., L.R.C.S.

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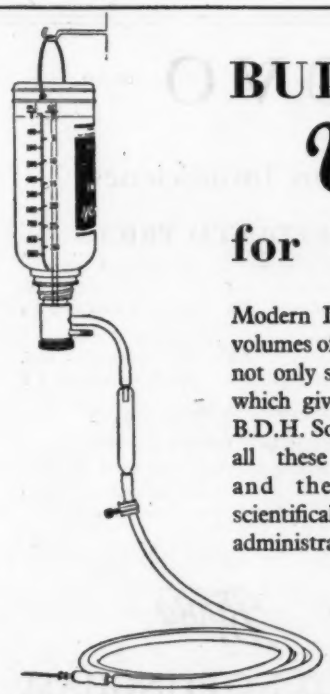

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## *as an aid to the*

## PREVENTION of INFECTION

This winter it is imperative to safeguard the population against disease; the nation cannot afford avoidable sickness and yet there is far more danger of infection than in normal times. As stated in the medical press (*Brit. Med. J.*, Dec. 21st, 1940, p. 875) we are concerned with "the health of whole communities now gravely menaced—a menace the graver because the epidemic months of January and February are upon us." This danger can be reduced considerably by keeping the level of nutrition as high as possible.

Experts stress the special need for the regular inclusion in the diet of vitamin-containing foods, since such foods have definite protective value. Marmite is ordered widely as a source of the vitamin B complex, its particular use in preventive medicine being well appreciated by members of the medical profession.

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**REDUCED PRICES**

| Tablets, 1 mg.— | | Ampoules, 1 mg.— | |
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| 5 mg.— | | 5 mg.— | |
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**HEAD COLDS**
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To Ensure
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One dose of 0.2 c.c. followed by a second dose of 0.5 c.c. after an interval of not less than three weeks.

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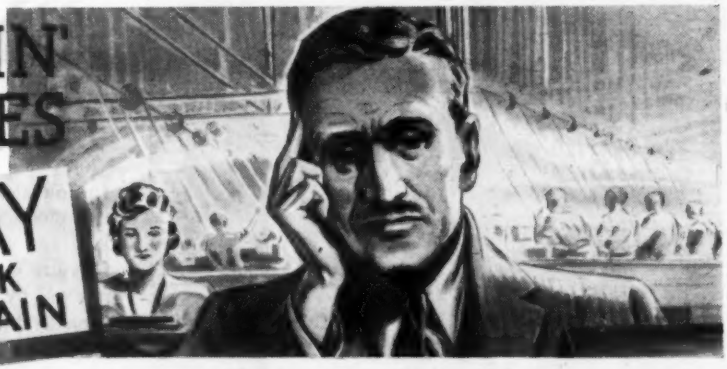

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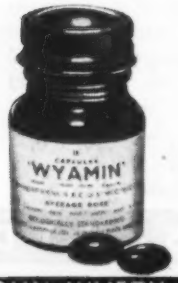
In many cases diagnosis has shown that a lack of vitamins, particularly A and $B_1$, was a contributory factor.




**'Wyamin' vitamin capsules contain the following formula and have been found most satisfactory in the treatment of vitamin deficiency conditions.**

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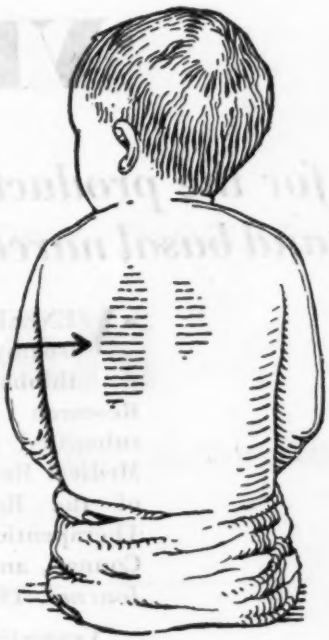
**Veguva** BRAND

**BABY FOODS**

M293



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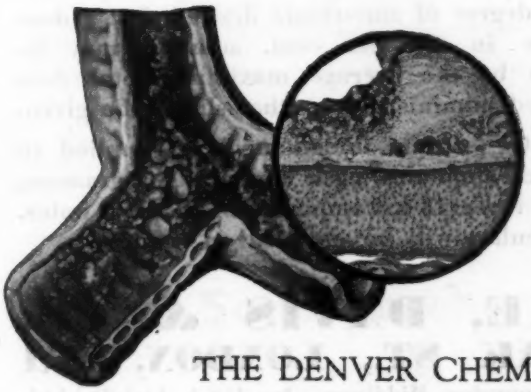

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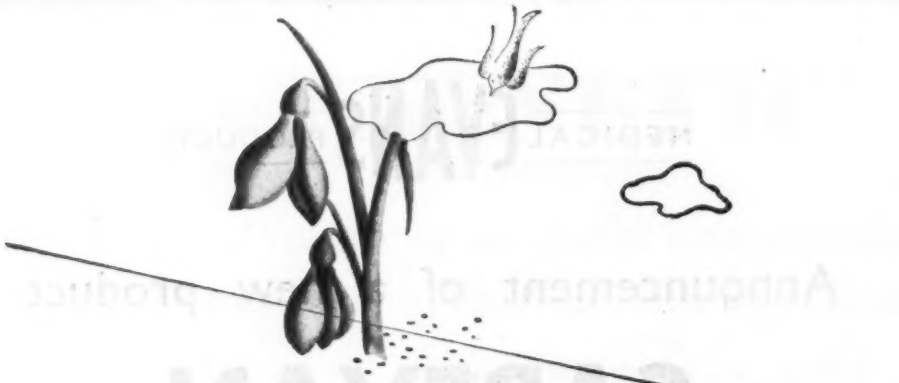

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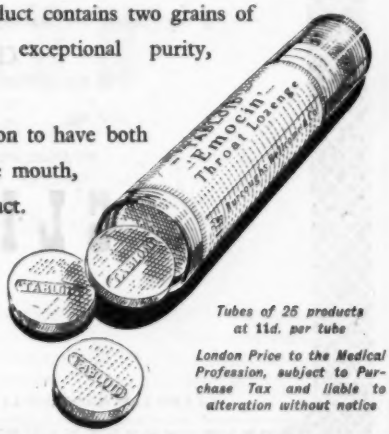


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| ,, ,, ,, ,, | *100* | **1/10** | ,, ,, ,, ,, | *100* | **2/9** |
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PRODUCT OF THE GLAXO LABORATORIES

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with

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This Jelly, containing one per cent. Gentian Violet, provides a convenient method of applying the dye to burned areas. Particularly adapted for use in burns about the face and hands, areas where the skin is thin, and in body flexures. The addition of 'Merthiolate,' which is an excellent general germicide with a low toxicity for tissues, enhances the value of the product and further lessens the possibility of infection.

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*References:* Lancet, *November 16th, page 621.* B.M.J. *November 16th, page 679.*

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a synthetic crystalline body actively reproducing all the known biological activities of the cortical tissue

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*PROC. ROY. SOC. MED. Vol. XXIX. Page 1094*

# MENFORMON TABLETS

**ŒSTRONE**

*SAMPLES AND INFORMATION FROM:*

MEDICAL SERVICE DEPARTMENT

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**Digoxin is a single, pure, crystalline glucoside of digitalis lanata. It is of known and definite chemical constitution and is stable in solution as well as in the solid state.**

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**Digoxin, given orally, produces the characteristic effects of digitalis one hour after administration; given intravenously, effects follow almost at once. The rapid and consistent action following oral administration, however, makes it unnecessary to resort to injection save in exceptional cases.**

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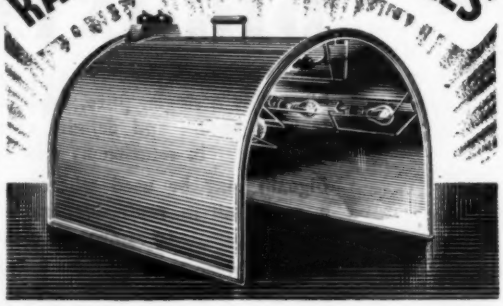

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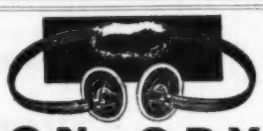

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## Examining Board in England

BY THE
ROYAL COLLEGE OF PHYSICIANS OF LONDON
AND THE
ROYAL COLLEGE OF SURGEONS OF ENGLAND.

Notice is hereby given that the following Examination will commence on the date stated below:

DIPLOMA IN CHILD HEALTH,
MONDAY, MARCH 24TH, 1941.

Candidates who have fulfilled the necessary conditions, and who desire to present themselves for Examination, must give notice in writing to the Secretary, Examination Hall, 8–11, Queen-square, London, W.C.1, at least twenty-one days before the date of the Examination, transmitting at the same time such certificates as may be required by the Regulations of the Board.

HORACE H. REW, Secretary.

## Royal College of Surgeons of England.

ELECTION TO THE COURT OF EXAMINERS.

It is proposed to hold the FINAL EXAMINATION for the L.R.C.P., M.R.C.S. in April next in four provincial centres, Cambridge, Manchester, Leeds and Cardiff, as well as in London.

The Council has decided therefore to elect not more than four additional Members of the Court of Examiners to assist in the conduct of the Examinations at these provincial centres. The appointments will be for a period of one year.

Fellows of the College desirous of becoming candidates for the office must make application, in writing, to the Secretary on or before Monday, March 3rd.

KENNEDY CASSELS, Secretary.

Lincoln's Inn-fields, London, W.C.2,
22nd February, 1941.

## CARRYING ON!

# THE MEDICAL SICKNESS SOCIETY

The Society's business is unaffected. At the outbreak of war all records and papers were moved to "Highfield," Chesterton, Cirencester, Glos.

All new business and any general enquiries in the London area will be dealt with at "Salcombe," High Road, Bushey Heath, Herts. Tel. No. Bushey Heath 1502.

**THE MEDICAL SICKNESS SOCIETY IS CARRYING ON**


## Tancred's Studentships.

About Whitsuntide next the Governors and Trustees propose to elect one Student in Divinity at Christ's College, Cambridge, one Student in Physic at Gonville and Caius College, Cambridge, and one Student in Law at Lincoln's Inn.

Candidates must have been born in England, Scotland, or Wales, and be members of the Church of England and unmarried.

An examination will be held at Gonville and Caius College on Wednesday, 16th April, for Divinity and Physic candidates; who must be within the ages of 17 and 20 years. There will be no examination for the Law candidates, who must be within the ages of 19 and 23 years.

The annual stipend of each Student is £100.

The last day for sending in Petitions is 11th March.

Applications, stating *kind* of Studentship and mentioning this paper, should be made to the Clerk, Mr. CHOLMELEY, 28, Lincoln's Inn-fields, London, W.C.2.

## University of Oxford.

MARGARET OGILVIE'S READERSHIP IN OPHTHALMOLOGY.

The Electors to this Readership invite applications, each accompanied by ten copies, which should reach the Registrar of the University not later than 19th April, 1941. The new Reader would be expected, if possible, to enter on his duties by 1st October, 1941. The Reader is allowed private practice and his post is held in conjunction with that of Senior Surgeon to the Oxford Eye Hospital. The Reader's stipend amounts approximately to £150 a year. As the result of a recent benefaction by Lord Nuffield the Reader will be provided with a whole-time Research Assistant, and with laboratory accommodation, equipment, &c.

Full details concerning the Readership and the Benefaction can be obtained from the REGISTRAR, Old Clarendon Building, Oxford.

15th February, 1941.

## The Queen's University of Belfast.

LECTURESHIP IN ANATOMY.

Applications are invited by 30th April, 1941, for the post of Lecturer in Anatomy at a salary of £450 per annum; duties to begin on 1st October, 1941.

Further particulars may be obtained from the undersigned.

RICHARD H. HUNTER, Secretary.

Queen's University, Belfast.


## BRITISH POSTGRADUATE MEDICAL SCHOOL

(UNIVERSITY OF LONDON.)

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10 A.M. to 12 NOON.—Clinical Lectures and Demonstrations
12 NOON to 1 P.M.—Lunch.
1 P.M. to 2 P.M.—Clinical Lectures and Demonstrations.
2 P.M. to 4 P.M.—Practical Classes.
4 P.M. to 5 P.M.—Questions and Discussions.

Monday, 24th Feb.—General Principles of Fracture Treatment.
Tuesday, 25th Feb.—Injuries of the Upper Limb.
Wednesday, 26th Feb.—Injuries of the Lower Limb.
Thursday, 27th Feb.—Injuries of Spine, Pelvis, and Hip Joint.
Friday, 28th Feb.—Compound and Infected Fractures. Amputations.

The Course will be limited to a maximum of 40 students, and applications for admission to the Course should be submitted to the DEAN, British Postgraduate Medical School, Ducane-road, W.12. The Course will only be held if a minimum of 15 students apply.

The fee for the Course will be 5 guineas, but a limited number of Officers of the Armed Forces will be admitted free, on the receipt of a leave certificate.

## CHISWICK HOUSE,

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Charges from 3 guineas weekly, including all necessaries except clothing.—Apply to the Medical Superintendent and Resident Physician, THOMAS BEATON, O.B.E., M.D., F.R.C.P.

**THE COPPICE, NOTTINGHAM.**

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This Institution is exclusively for the reception of a limited number of PRIVATE PATIENTS of both sexes, of the UPPER and MIDDLE CLASSES, at moderate rates of payment. It is beautifully situated in its own grounds, on an eminence a short distance from Nottingham, and commands an extensive view of the surrounding country; and from its singularly healthy position and comfortable arrangements affords every facility for the relief and cure of those mentally afflicted. Voluntary and Temporary Patients received. Occupational Therapy. For terms, &c., apply to the Medical Superintendent.

Telephone: 64117 Nottingham.

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Terms moderate. Apply to Resident Medical Superintendent. Telegrams: ADAM WEST MALLING. Telephone No. 2: MALLING.

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The Pioneer Hospital, opened 1796, for the humane treatment of those suffering from Nervous and Mental Disorder

This Hospital of 200 beds, administered by a Committee of the Society of Friends, combines what is best in the investigation and treatment of nervous illness with a sympathetic and friendly atmosphere. Last year 121 patients were admitted, of whom 80 were voluntary cases.

Much curative work is accomplished in our mental hospitals to-day and the recovery rate compares very favourably with that of our general hospitals.

For information and terms of admission apply to:—
The Physician Superintendent,
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*Illustrated Brochure and particulars obtainable from A. E. CARVER, M.D., D.P.M., Resident Medical Superintendent.*

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Managing Director: DAVID LAWSON, M.D., F.R.S.E.

FOR THE TREATMENT OF PULMONARY TUBERCULOSIS AND ALLIED DISEASES

Medical Superintendent: R. Y. KEERS, M.D.(Edin.)

For prospectus apply to The Secretary, Tor-na-Dee, Murtle, Aberdeenshire Telephone: Cults 107

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A PRIVATE HOSPITAL for the treatment of mental and nervous illnesses. Conveniently situated and easy of access from all parts. Six acres of ground facing Finsbury Park. Voluntary and Temporary Patients received without certification. Occupational Therapy, Psychotherapy, and other modern forms of treatment. Air-raid Shelters have been provided.

*Telephone:* Stamford Hill 2688. *Telegrams:* "SUBSIDIARY, LONDON."

For further particulars apply to the MEDICAL SUPERINTENDENT.

**CRICHTON ROYAL, DUMFRIES** For NERVOUS AND MENTAL DISORDERS

Separate Villa for patients suffering from the effects of alcoholism and drug addiction. Every facility for complete investigation and individual treatment on the most modern lines. Fully equipped gymnasium, golf course, and indoor swimming pool. Specially trained occupational and recreational therapists. **Special Department for Insulin Therapy.** As the hospital is well endowed terms are exceptionally moderate, e.g., First Department from 3 guineas per week, Second Department, 2 and 2½ guineas per week. Voluntary and certified patients are received. Medical Certificates given anywhere in the British Isles are valid for admission of patients. *For prospectus, necessary forms, and further information apply to:—*

Physician Superintendent, P. K. McCowan, J.P., M.D., F.R.C.P., D.P.M., Barrister-at-Law. *Tel.* Dumfries 1119.

# ST. ANDREW'S HOSPITAL

## FOR NERVOUS AND MENTAL DISORDERS,

## NORTHAMPTON

*FOR THE UPPER AND MIDDLE CLASSES ONLY.*

PRESIDENT: THE MOST HON. THE MARQUESS OF EXETER, K.G., C.M.G., A.D.C.

MEDICAL SUPERINTENDENT: THOMAS TENNENT, M.D., M.R.C.P., D.P.H., D.P.M.

This Registered Hospital is situated in 130 acres of park and pleasure grounds. Voluntary patients, who are suffering from incipient mental disorders or who wish to prevent recurrent attacks of mental trouble; temporary patients, and certified patients of both sexes are received for treatment. Careful clinical, bio-chemical, bacteriological, and pathological examinations. Private rooms with special nurses, male or female, in the Hospital or in one of the numerous villas in the grounds of the various branches can be provided.

### WANTAGE HOUSE

This is a Reception Hospital in detached grounds with a separate entrance, to which patients can be admitted. It is equipped with all the apparatus for the complete investigation and treatment of Mental and Nervous Disorders by the most modern methods; insulin treatment is available for suitable cases. It contains special departments for hydrotherapy by various methods, including Turkish and Russian baths, the prolonged immersion bath, Vichy Douche, Scotch Douche, Electrical baths, Plombieres treatment, etc. There is an Operating Theatre, a Dental Surgery, an X-Ray Room, an Ultra-violet Apparatus, and a Department for Diathermy and High-frequency treatment. It also contains Laboratories for bio-chemical, bacteriological, and pathological research. Psychotherapeutic treatment is employed when indicated.

### MOULTON PARK

Two miles from the Main Hospital there are several branch establishments and villas situated in a park and farm of 650 acres. Milk, meat, fruit, and vegetables are supplied to the Hospital from the farm, gardens, and orchards of Moulton Park. Occupational therapy is a feature of this branch, and patients are given every facility for occupying themselves in farming, gardening, and fruit growing.

### BRYN-Y-NEUADD HALL

The seaside house of St. Andrew's Hospital is beautifully situated in a Park of 330 acres, at Llanfairfechan, amidst the finest scenery in North Wales. On the North-West side of the Estate a mile of sea coast forms the boundary. Patients may visit this branch for a short seaside change or for longer periods. The Hospital has its own private bathing house on the seashore. There is trout-fishing in the park.

At all the branches of the Hospital there are cricket grounds, football and hockey grounds, lawn tennis courts (grass and hard courts), croquet grounds, golf courses, and bowling greens. Ladies and gentlemen have their own gardens, and facilities are provided for handicrafts, such as carpentry, etc.

For terms and further particulars apply to the Medical Superintendent (TELEPHONE: No. 2356 and 2357 Northampton), who can be seen in London by appointment.

# CHEADLE ROYAL HOSPITAL, Cheadle, Cheshire.

This REGISTERED HOSPITAL, with a SEASIDE BRANCH at Colwyn Bay, N. Wales, is for the treatment and care of those of the Upper and Middle Classes suffering from MENTAL AND NERVOUS DISEASES.

The Hospital is governed by a COMMITTEE, appointed by the TRUSTEES of the Manchester Royal Infirmary.

In addition to the Main Buildings there are separate villas. Extensive grounds. Hard and grass tennis courts, cricket and croquet grounds, and a court for badminton. There are also wireless installations. Golf may be had within easy distance. Occupational Therapy.

VOLUNTARY, TEMPORARY, AND CERTIFIED PATIENTS received.

The Hospital is nine miles from Manchester, 40 minutes by rail from Liverpool, and 3½ hours from London.

For terms and further particulars apply to the Medical Superintendent, who may be seen in Manchester BY APPOINTMENT. *Telephone: Gatley* 2231 (3 lines).

# CAMBERWELL HOUSE

Telegrams: "PSYCHOLIA, LONDON." 33, PECKHAM RD., LONDON, S.E.5. Telephone: Rodney 4242 (2 lines).

***For the treatment of MENTAL DISORDERS.***

Also completely detached Villas for Mild Cases, with private suites if desired. Voluntary Patients received. Twenty acres of Grounds. Hard and Grass Tennis Courts, Putting Greens, Bowls, Croquet, Squash Rackets, Recreation Hall with Badminton Court, and all indoor amusements, including Wireless and other Concerts, Occupational Therapy, Calisthenics, and Dancing Classes. X-ray and Actino-therapy, Prolonged Immersion Baths, Operating Theatre, Pathological Laboratory, Dental Surgery, and Ophthalmic Department. Chapel. **Shock and also modified Insulin Therapy.**

Senior Physician: Dr. HUBERT JAMES NORMAN, assisted by a resident Medical Staff, and visiting Consultants.

An Illustrated Prospectus, giving fees which are strictly moderate, may be obtained upon application to the Secretary.

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First opened in 1898 and rebuilt in 1925 on the Cotswold Hills seven miles from Cheltenham, for the Treatment of Pulmonary and all other forms of Tuberculosis. Aspect S.S.W., sheltered from North and East, elevation 800 feet. Pure bracing air, SPECIAL TREATMENT by artificial PNEUMOTHORAX (X-ray controlled). TUBERCULINS, and ULTRA-VIOLET RAYS is available when necessary without extra charge. X-RAY plant, Fully Equipped Dental Department, Electric Light Radiators, hot and cold basins and Wireless in all rooms. Up-to-date drainage. Full day & night Nursing Staff. **Terms: 5½ to 8½ Guineas a week inclusive.**

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# COURT HALL, KENTON, near EXETER

FOR THE TREATMENT OF EIGHT LADIES, VOLUNTARY, TEMPORARY AND CERTIFIED PATIENTS

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FOR EARLY AND CONVALESCENT CASES Recreational Therapies are held daily by skilled Leaders

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Nr. LIVERPOOL

Specially built and licensed for the care and treatment of a limited number of Ladies and Gentlemen suffering from NERVOUS and MENTAL breakdown. Voluntary and certified patients received. Ladies also admitted as Temporary Patients without certification. Terms moderate. *Apply*, RESIDENT PHYSICIAN, who may be seen in Liverpool, by appointment. *Tel. No.* 8 *Formby.*

# PECKHAM HOUSE, 112, Peckham Road, London, S.E.15

**Telegrams: "Alleviated, London"** **Telephone: Rodney 2641-2642**

A Private Mental Hospital, for Ladies and Gentlemen suffering from Nervous and Mental Illness, where the amenities of a comfortable home are combined with full investigation and every well-established modern treatment.

Terms from 3½ guineas weekly.

Illustrated Prospectus may be obtained from the Physician Superintendent.

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*A Private Hospital for the Care and Treatment of those of both sexes suffering from MENTAL DISORDERS.*

Extensive grounds. Detached Villas. Chapel. Garden and Dairy Produce from own farm. Terms very moderate.

**CONVALESCENT HOME AT BOURNEMOUTH** Detached Villas standing in 12 acres of ornamental grounds, with tennis courts, etc., which Voluntary, Temporary or Certified Patients may visit by arrangement for long or short period.

Illustrated Brochure on application to the Medical Superintendent. The Old Manor, Salisbury. Telephone: Salisbury 3216 and 3217.

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For the reception and treatment of PRIVATE PATIENTS of both sexes of the UPPER AND MIDDLE CLASSES suffering from Mental and Nervous Disorders, Alcoholism and Drug addiction, either voluntarily, temporarily, or under certificate. Patients are classified in separate buildings according to their mental condition. Situated in park and grounds of 400 acres. Self-supported by its own farm and gardens in which patients are encouraged to occupy themselves. Every facility for indoor and outdoor recreation. For terms, prospectus, etc., apply MEDICAL SUPERINTENDENT. *'Phone:* Ashton-in-Makerfield 7311. *Tele. Address:* Street, Ashton-in-Makerfield.

# SPRINGFIELD HOUSE

'Phone: BEDFORD 3417. **Near BEDFORD**

**For Mental Cases with or without Certificates.**

*Ordinary Terms: Five Guineas per week (including Separate Bedrooms for all suitable cases without extra charge).*

For forms of admission, &c., apply to the Resident Physician, CEDRIC W. BOWER.

INTERVIEWS IN LONDON BY APPOINTMENT.

## CITY OF LONDON MENTAL HOSPITAL

**Near DARTFORD, KENT.**

Ladies and Gentlemen received for treatment under certificates, and without certificates as either VOLUNTARY or TEMPORARY PATIENTS, at a weekly fee of £2 9s., and upwards.

# STRETTON HOUSE,

**Church Stretton, Shropshire.**

ESTABLISHED IN 1853.

A PRIVATE HOME for the treatment of gentlemen suffering from Mental and Nervous illness, including the allied Disorders of Alcoholism and the Drug Habit. All types of early Mental and Nervous Cases are received without Certificates as Voluntary Patients under the provisions of the Mental Treatment Act, 1930. Bracing hill country. See "Medical Directory," p. 2358.—Apply to the Medical Superintendent 'Phone 10 P O . Church Stretton

## THE GROVE HOUSE,

**CHURCH STRETTON, SHROPSHIRE.**

Private Home for Ladies mentally ill. Voluntary and Temporary Patients received.

Medical Superintendent: Dr. J. A. MCCLINTOCK

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**MAGHULL (near LIVERPOOL)**

**FARMING and OPEN AIR OCCUPATION for PATIENTS**

**A few vacancies in 1st and 2nd Class Houses.**

**FEES: 1st Class (men only) from £5 5s. per week upwards. 2nd Class (men and women) 32/- per week.**

*For further particulars apply:* **C. EDGAR GRISEWOOD, A.C.A. Secretary, 20, Exchange Street East, Liverpool, 2**

# HEIGHAM HALL, NORWICH

PRIVATE MENTAL HOME for Nervous and Mental Illness. All forms of treatment available. Fees from 4 gns. per week upwards according to requirements. Vacancies occasionally exist at reduced fees on the recommendation of the patient's own physician.

Apply to Dr. J. A. SMALL. Telephone: Norwich 80.

# FENSTANTON, at "FIVE DIAMONDS," Chalfont St. Giles, Bucks.

A Private Home for the Care and Treatment of a limited number of LADIES with Mental and Nervous Disorders. Certified, Voluntary, and Temporary Patients received. Mansion with 12 acres of ground. (*See Medical Directory, p. 2346.*) Apply Resident Physician. Telephone: Little Chalfont 2046. Station: Chalfont and Latimer.


# Examining Surgeons:

FACTORIES ACT, 1937.

The following appointments as Examining Surgeons under the Factories Act, 1937, are vacant.

Applications should be sent to the Chief Inspector of Factories, Cleland House, Page-street, London, S.W.1.

| *District.* | *County.* | *Latest Date for Receipt of Application.* |
|---|---|---|
| MARKET BOSWORTH, No. 1 | LEICESTER | 4th March, 1941. |
| WICKHAM MARKET | SUFFOLK | 4th March, 1941. |

# The Salvation Army, The Mothers' HOSPITAL, Lower Clapton-road, Clapton, E.5.

Applications are invited from medical Women for the post of SENIOR RESIDENT MEDICAL OFFICER (B2), vacant April 1st, 1941. Salary £150 per annum, with board, residence and laundry.

The appointment is for six or twelve months.

Applications, with testimonials, must be sent to the Secretary not later than Saturday, March 1st, 1941.

FRED HAMMOND, Secretary.

# The Salvation Army, The Mothers' HOSPITAL, Lower Clapton-road, Clapton, E.5.

Applications are invited from medical Women for the post of JUNIOR RESIDENT MEDICAL OFFICER (B2), vacant April 1st, 1941. Salary £80 per annum, with board, residence, and laundry.

The appointment is for six months.

Applications, with testimonials, must be sent to the Secretary not later than Saturday, March 1st, 1941.

FRED HAMMOND, Secretary.

# HIS MAJESTY'S COLONIAL SERVICE

## THE COLONIAL MEDICAL SERVICE

## VACANCIES FOR MEDICAL OFFICERS

**The maintenance of an efficient Colonial Medical Service constitutes a vital part of the national war effort and it is most important that the Service should be assured of an adequate supply of doctors.**

**The Secretary of State for the Colonies therefore invites applications from doctors possessing a medical qualification registrable in the United Kingdom who are British subjects and who are under thirty-five years of age.**

**Medical Officers are appointed in the first instance for general service. But there are ample opportunities for work in special branches of medicine and surgery, in public health and in medical research.**

**The normal salary scale is from £600 to between £1,000 and £1,120. There are large numbers of super-scale posts to which promotion is made on merit and which carry higher salaries.**

**Government quarters, in many cases free of rent, and first-class passages to and from the Colonies are provided, and an adequate pension scheme is in force.**

**Selected candidates are normally required to attend a course of instruction in Tropical Medicine and Hygiene either before proceeding overseas or during their first period of leave.**

**Further particulars, including the regulations governing admission to the Colonial Medical Service, may be obtained from the Director of Recruitment (Colonial Service), 29, Queen Anne's-gate, London, S.W.1.**

## London County Council.

TEMPORARY ASSISTANT DISTRICT MEDICAL OFFICERS required for:—

(*a*) AREA VIII, DISTRICT B (part of the Borough of Southwark). Provisional salary £300 a year.

(*b*) AREA VII, DISTRICT C (part of the Borough of Lambeth). Provisional salary £250 a year (including allowance for the use of surgery).

Persons engaged required to carry out duties prescribed by Public Assistance Order, 1930, and to reside in or near district. Remuneration and conditions subject to review.

Vacancy in Area VII exists during the absence on war service of the appointed District Medical Officer.

Application form obtainable (stamped addressed foolscap envelope necessary) from MEDICAL OFFICER OF HEALTH, Staff Division (S.D.6), County Hall, S.E.1, returnable by 10th March.

Canvassing disqualifies.

## The Royal Waterloo Hospital,

Waterloo-road, S.E.1.

Applications are invited from registered medical practitioners (Male) for the appointment of a CASUALTY OFFICER AND HOUSE PHYSICIAN (B2), immediately vacant, including R practitioners who now hold A posts. If held by an R practitioner the appointment will be limited to six months. Otherwise it will be subject to renewal. Salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

J. H. TEASDALE, Secretary.

## The National Temperance Hospital,

Hampstead-road, N.W.1.

Applications are invited for the posts of Two HOUSE SURGEONS under the M.S. (A posts), including R practitioners within three months of qualification. The appointments are for a period of six months as from March 1st. Salary £120 per annum, with board, residence, and laundry.

Applications, stating qualifications, age, &c., with copies of not more than three testimonials, by February 24th, addressed to the SECRETARY.

## The Queen's Hospital for Children,

Hackney-road, E.2.

AMENDED ADVERTISEMENT.

CASUALTY OFFICER (B2) required March 1st, 1941.
HOUSE PHYSICIAN (B2) required March 1st, 1941.

Six months' appointments. R practitioners now holding A posts are invited to apply. Salary which, with certain additions, will amount to not less than £150 per annum, with board, lodging, and laundry in each case. Candidates must be prepared to participate in the special hospital arrangements, in connexion with which beds are reserved.

Applications must be made on forms to be obtained from the undersigned and sent in, with copies of not more than three testimonials, as soon as possible.

CHARLES H. BESSELL, Secretary.

## Battersea General Hospital,

Battersea Park, S.W.11.

APPOINTMENT OF RESIDENT SURGICAL OFFICER (B1).

Applications are invited from registered medical practitioners for the appointment of Resident Surgical Officer. Applicants should have held house appointments and had surgical experience. Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply. Salary is at the rate of £200 per annum.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent to the SECRETARY of the Hospital immediately.

## Miller General Hospital,

Greenwich High-road, S.E.10

Applications are invited from registered medical practitioners, Male, for the appointment of Two HOUSE SURGEONS (A), to become vacant on 1st April, 1941, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Salary is at the rate of £100 per annum, plus share of Ministry of Health allowance, and full residential emoluments.

Form of application can be obtained from the undersigned, and must be returned not later than 11th March, 1941.

E. MARK, Secretary.

17th February, 1941.

## Miller General Hospital,

Greenwich High-road, S.E.10.

Applications are invited from registered medical practitioners, Male, including R practitioners, who now hold A posts, for the appointment of CASUALTY OFFICER (Part-time—morning session) (B2), to become vacant on 1st April, 1941. Salary is at the rate of £125 per annum, resident; £150, non-resident, plus share of Ministry of Health allowance. If held by an R practitioner, appointment will be limited to six months. Fuller particulars on application.

Form of application can be obtained from the undersigned, and must be returned not later than 11th March, 1941.

E. MARK, Secretary.

17th February, 1941.

## Miller General Hospital,

Greenwich High-road, S.E.10.

Applications are invited from registered medical practitioners, Male, for the appointment of Two HOUSE PHYSICIANS (A), to become vacant on 1st April, 1941, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Salary is at the rate of £100 per annum, plus share of Ministry of Health allowance, and full residential emoluments.

Form of application can be obtained from the undersigned, and must be returned not later than 11th March, 1941.

17th February, 1941. E. MARK, Secretary.

## National Hospital, Queen Square, W.C.1

RESIDENT MEDICAL OFFICER (B1).

Applications are invited for the post of Resident Medical Officer and should be sent to the undersigned, accompanied by copies of three recent testimonials, not later than February 25th, 1941. Suitably qualified R practitioners holding B2 or B1 posts may apply. The salary is £150 per annum, with board and lodging.

LIONEL E. L. SPENCER, Acting Secretary.

## Dreadnought Seamen's Hospital,

Greenwich.

Applications are invited from registered medical practitioners for the appointment of SENIOR MEDICAL OFFICER (B1), now vacant. R practitioners holding B2 or B1 posts may apply. Practical Surgical experience essential. Salary at the rate of £550 per annum, with full residential emoluments.

Applications, stating age, nationality, experience, and details of previous appointments, with copies of recent testimonials, to be sent to the undersigned immediately.

F. A. LYON, Secretary.

Dreadnought Seamen's Hospital, Greenwich, S.E.10.

## The London Chest Hospital,

Victoria Park, E.2.

A vacancy for HOUSE PHYSICIAN (B2) will occur at once. R practitioners now holding A posts may apply. Six months appointment. Salary at the rate of £100 per annum, board, residence, and laundry provided.

Applications, with copies of three testimonials, should be sent immediately to the SECRETARY.

## West London Hospital, Hammersmith, W.6.

Appointment of RESIDENT ANÆSTHETIST and E.N.T. & OPHT. HOUSE SURGEON (B2). Applications are invited from registered medical practitioners, Male or Female, for the above appointment to become vacant on 10th March, including R practitioners who now hold A posts.

The appointment is for a period of six months in the first instance, terminable by one month's notice on either side. Salary according to experience, not less than at the rate of £100 per annum, with the usual residential emoluments.

Applications, stating age, qualifications with dates, nationality and present post, should be accompanied by copies of three recent testimonials and sent to the undersigned not later than 27th February.

H. A. MADGE, Secretary.

## The Queen's Hospital for Children, Hackney-road, E.2.

SENIOR MEDICAL OFFICER (B2) required.

Applications are invited from registered medical practitioners, including R practitioners holding A posts, for the above appointment, which in the first instance will be made for a period to be mutually agreed.

Salary at rate which, with certain additions, will amount to not less than £250 per annum, with board, lodging, and laundry. Candidates must be prepared to participate in the special hospital arrangements, in connexion with which beds are reserved.

Applications must be made on forms to be obtained from the undersigned and should be sent in, with copies of not more than three testimonials, as soon as possible.

CHARLES H. BESSELL, Secretary.

## Resident House Officers (A) required by MIDDLESEX COUNTY COUNCIL.

(1) HOUSE PHYSICIAN; (2) HOUSE SURGEON for CLARE HALL HOSPITAL.

Applicants must be registered medical practitioners, including R practitioners within three months of qualification. Salary £200 per annum, board, lodging, and laundry. Appointment is for six months, subject to medical examination and one month's notice. Whole-time duties such as Council may direct under supervision of Medical Superintendent. Post vacant from 1st March, 1941.

Application, stating age, nationality, qualifications with dates, and details of previous appointment and experience, to the undersigned. No application forms provided. Relationship to any member or officer of the Council to be disclosed in the application. Copies of not more than three recent testimonials to be enclosed. Canvassing directly or indirectly will disqualify.

Closing date 8th March, 1941.

C. W. RADCLIFFE, "B3," Clerk of the County Council.

Guildhall, Westminster, S.W.1.

## Resident Assistant Medical Officer (B1) for surgical duties required by HILLINGDON COUNTY HOSPITAL.

Applicants must be registered medical practitioners (including suitably qualified R practitioners holding B2 or B1 posts) who have held resident appointments in general hospitals and had operating experience. Salary £400 by £25 to £475 per annum. Board, lodging and laundry. Whole-time duties, such as Council may direct, under supervision of Medical Superintendent. Appointment is for four years only, subject to medical examination and one month's notice.

Application, stating age, nationality, qualifications with dates, experience, and details of previous appointments, to the undersigned. No application forms provided. Relationship to any member or officer of the Council to be disclosed in the application. Copies of not more than three recent testimonials to be enclosed.

Canvassing directly or indirectly will disqualify. Closing date 8th March, 1941.

C. W. RADCLIFFE, "B3," Clerk of the County Council.

Guildhall, Westminster, S.W.1.

## City of Portsmouth.

TEMPORARY ASSISTANT MEDICAL OFFICER OF HEALTH FOR A.R.P. CASUALTY SERVICES AND PUBLIC HEALTH DEPARTMENT.

Applications are invited for the appointment (temporary) of an Assistant Medical Officer of Health (Male) for duties in connexion with the Casualty Services Section of the A.R.P. Scheme and the Public Health Department of Portsmouth. The officer appointed will be required to assist the Medical Officer of Health in the organisation of the Casualty Services and to carry out such other general Public Health duties as the Medical Officer of Health may direct. Preference will be given to candidates with previous experience of Air-raid Precautions work and to those who hold the Diploma in Public Health.

The salary will be at the rate of £600 per annum (non-resident); or, at the choice of the officer appointed, £600 per annum with a deduction of £125 per annum for residential emoluments in respect of accommodation at one of the Municipal Hospitals.

The appointment will be terminable, at any time, by one month's notice on either side.

Forms of application may be obtained from and must be returned to the Medical Officer of Health, Royal Beach Hotel, Portsmouth, not later than 7th March, 1941, together with three copies of recent testimonials.

Canvassing, either directly or indirectly, will be deemed a disqualification.

F. J. SPARKS, Town Clerk.

## North Wales Counties Mental Hospital, DENBIGH.

DEPUTY MEDICAL SUPERINTENDENT.

Applications are invited from registered medical practitioners for the post of Deputy Medical Superintendent at the above Hospital.

The salary will be £650 per annum, rising by annual increments of £25 to a maximum of £750 per annum (£50 included for Diploma of Psychological Medicine), plus emoluments consisting of house (free of rates), light, and fuel, valued for superannuation purposes at £100 per annum.

The appointment is subject to the Asylums Officers Superannuation Act, 1909, and is subject to one month's notice on either side.

Practical experience in the modern treatment of mental illness is essential and the candidate should possess the Diploma of Psychological Medicine.

Applications, stating age, qualifications, experience, whether married or single, nationality, and all other relevant particulars, accompanied by three recent testimonials, are to be sent, addressed to the Chairman of the Visiting Committee, endorsed "Deputy Medical Superintendent," not later than Friday, 7th March, 1941.

S. L. FROST, Clerk to the Visiting Committee.

17th February, 1941.

## National Sanatorium, Benenden, Kent.

APPOINTMENT OF RESIDENT ASSISTANT MEDICAL OFFICER (B1).

Applications are invited from registered medical practitioners for the appointment of Resident Assistant Medical Officer, to become vacant on 11th March, including R practitioners now holding B2 or B1 posts. Preference will be given to candidates having previous experience in the treatment of pulmonary tuberculosis. The appointment is, in the first instance, for one year, but the holder is eligible for re-election to the post at the end of that period. The salary is £350 per annum, with full residential emoluments, and if the period of service extends beyond one year the salary rises by £25 per annum to £400.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, together with copies of three recent testimonials, should be sent to the undersigned not later than 5th March.

C. C. LAWRENCE, Hon. Secretary.

## County Borough of Croydon.

RESIDENT ASSISTANT MEDICAL OFFICER, CORPORATION OBSTETRICAL SERVICE (B1).

Applications are invited for this appointment from registered medical practitioners (either sex) who must have had practical hospital experience in Gynæcology and Obstetrics, and of ante- and post-natal clinics. R practitioners holding B2 or B1 posts may apply. The appointment will be for twelve months. Salary £350 per annum, with board-residence at Mayday Hospital and laundry valued at £140. The officer appointed will be on the staff of the Medical Officer of Health.

Application forms may be obtained from the Medical Officer of Health, on receipt of a stamped addressedfoolscap envelope, and should be returned to him not later than 11 A.M. on Monday, the 3rd March, 1941, together with copies of three recent testimonials.

Canvassing will disqualify. E. TABERNER, Town Clerk.

## City of Manchester.

CRUMPSALL HOSPITAL. (1400 Beds.)
(Recognised under the Regulations for the F.R.C.S.).

APPOINTMENT OF TWO RESIDENT ASSISTANT MEDICAL OFFICERS (A).

Applications are invited from registered medical practitioners, Male and Female, for the above appointments, which are vacant now, including R practitioners within three months of qualification. If held by R practitioners, each appointment will be for a period of six months. Otherwise they will be for a period of twelve months.

The salary for each appointment is at the rate of £200 per annum, with full residential emoluments, subject to the Manchester Corporation conditions of service.

Full information and forms of application may be obtained from the Medical Officer of Health, Hospitals Administration Section, P.O. Box 399, Town Hall, Manchester, 2, and applications for the post must be received by him not later than 4th March, 1941.

Canvassing in any form is prohibited.

R. H. ADCOCK, Town Clerk.

Town Hall, Manchester, 2, 17th February, 1941.

## Royal Albert Edward Infirmary and DISPENSARY, WIGAN.

(189 Beds.)

APPOINTMENT OF A HOUSE SURGEON (A).

Applications are invited from registered medical practitioners (Male), including R practitioners within three months of qualification, for the appointment of a House Surgeon (A), now vacant. If held by an R practitioner, appointment will be for a period of six months. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned without delay.

A. STANLEY BRUNT,
General Superintendent and Secretary.

13th February, 1941.

## Essex County Council.

BLACK NOTLEY SANATORIUM, near BRAINTREE.

JUNIOR RESIDNET MEDICAL OFFICER (B2).

The County Council of the Administrative County of Essex invite applications for the appointment of Junior Resident Medical Officer at the Black Notley Sanatorium, near Braintree, from registered medical practitioners (Male or Female), including R practitioners who hold A posts and who have not completed a five months' tenure of those posts.

The appointment would normally be for a period of one year, but if the successful applicant is an R practitioner the appointment will be limited to six months.

The salary payable will be at the rate of £250 per annum, together with the usual indoor emoluments valued at £160 per annum, and the successful candidate will be required to pass a medical examination and will be subject to the Council's Sick Pay Rules and Regulations, a copy of which will be forwarded on application.

Applications, on the prescribed form obtainable from the undersigned, should be addressed to me and delivered at the County Hall, Chelmsford, not later than 10 A.M. on Wednesday, the 26th day of February, 1941.

CHRISTIAN BERRIDGE,
Deputy Clerk of the County Council.

County Hall, Chelmsford, 5th February, 1941.

## North Staffordshire Royal Infirmary,

STOKE-ON-TRENT.

Applications are invited from registered medical practitioners, including R practitioners within three months of qualification, for the following A appointments:—

Two HOUSE SURGEONS.
Two HOUSE PHYSICIANS.
HOUSE SURGEON to E.N.T. and EYE DEPARTMENTS.
The above posts are vacant on the 1st April, 1941.
CASUALTY OFFICER, vacant 14th April, 1941.

The posts will be tenable for a period of six months and salary will be at the rate of £150 per annum, with board, residence, and laundry.

Applications are also invited from registered medical practitioners, including R practitioners now holding A posts, for the post of RESIDENT ANÆSTHETIST (B2), vacant 1st April, 1941. The appointment will be for a period of six months and salary is at the rate of £200 per annum.

Applications, stating age, qualifications with dates, and nationality, accompanied by three copy testimonials, should be sent to the undersigned as soon as possible.

THORNBURROW GIBSON,
Secretary and House Governor.

8th February, 1941.

## Nottingham General Dispensary.

HYSON GREEN BRANCH, NOTTINGHAM.

Wanted, RESIDENT MEDICAL OFFICER (Female), unmarried. Must have medical and surgical qualifications. Salary £300, with £25 increase per year up to £350. House, with attendance, light, and fuel (not board).

The Institution is a non-provident one. No beds. No midwifery.

The person appointed will be required to take up duty as early as possible. Appointment for twelve months, terminable then or thereafter by three months' notice.

Applications, stating age, qualifications, and nationality, and accompanied by copies of recent testimonials, to be sent forthwith to—

R. J. WILLATT, Acting Secretary.

5, Thurland-street, Nottingham.

## The Children's Hospital, Sheffield

(INC.) (157 Beds.)

Applications are invited from registered medical practitioners, Male and Female, for the appointment of HOUSE SURGEON (A), to become vacant on 1st February, 1941, including R practitioners within three months of qualification. Appointment is for a period of six months. Salary at the rate of £100 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

T. H. G. GARTLAND, Superintendent and Secretary.

## East Sussex County Council.

SOUTHLANDS HOSPITAL (M.S.),
SHOREHAM-BY-SEA, SUSSEX.

APPOINTMENT OF RESIDENT ASSISTANT MEDICAL OFFICER (B1).

Applications are invited from registered medical practitioners or the appointment of Temporary Resident Assistant Medical Officer. Applicants should have held house appointments and have had special obstetrical and anæsthetics experience. Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply. Salary is at the rate of £400 per annum, with board, lodging, and laundry. The appointment will be subject to one month's notice on either side.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent to the Medical Superintendent not later than 5th March, 1941.

H. S. MARTIN, Clerk of the County Council.

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## East Suffolk and Ipswich Hospital.

(400 Beds—8 Residents.)

Applications are invited from registered medical practitioners (Male or Female) for the following vacancies:—

HOUSE PHYSICIAN (B2), open to R practitioners who now hold A posts.
HOUSE SURGEON to GYNÆCOLOGIST (A).
HOUSE SURGEON to the EAR, NOSE, AND THROAT and OPHTHALMIC DEPARTMENTS (A).
CASUALTY OFFICER (A).

The above are open to R practitioners within three months of qualification.

Appointments for all posts will be for six months. Salary at the rate of £144 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, to be sent to the undersigned immediately.

ARTHUR GRIFFITHS, Secretary.

The Hospital, Ipswich, 8th February, 1941.

## City and County of Newcastle upon TYNE.

NEWCASTLE GENERAL HOSPITAL. (900 Beds.)
SHOTLEY BRIDGE HOSPITAL. (800 Beds.)

APPOINTMENT OF HOUSE PHYSICIANS (A) AND HOUSE SURGEONS (A).

Applications are invited from registered medical practitioners for the appointments of House Physicians (A) and House Surgeons (A), including R practitioners within three months of qualification. The appointments will be tenable for a period of six months. Salary £150 per annum at the Newcastle General Hospital and £200 at Shotley Bridge Hospital, together with the usual residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of two recent testimonials, should be forwarded immediately to the MEDICAL OFFICER OF HEALTH, Health Department, Town Hall, Newcastle upon Tyne, 1.

10th February, 1941.

## The Cassel Hospital for Functional

NERVOUS DISORDERS, ASH HALL, BUCKNALL, STOKE-ON-TRENT.

ASSISTANT PHYSICIAN required, to commence duties as soon as possible. Previous experience in Psychotherapy essential. Salary £600 to £800, according to experience, plus £100 in lieu of emoluments. The post is non-resident, but a successful candidate will be required to live in the neighbourhood of the Hospital.

Applications, with testimonials, to be sent to the MEDICAL DIRECTOR at the above address.

## Newark General Hospital.

(66 Normal Beds.)

Applications are invited from registered medical practitioners (Male), including R practitioners within three months of qualification, for appointment of JUNIOR HOUSE SURGEON (A), now vacant. The appointment is for six months. Salary at the rate of £175 per annum, with full residential emoluments.

Applications, stating age, nationality, qualifications with dates, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

B. C. DION, Secretary-Superintendent.

## Victoria Hospital, Accrington.

HOUSE SURGEON (A).

Applications are invited from registered Medical Practitioners (Male or Female) for appointment of House Surgeon (A), including R Practitioners within three months of qualifying. If held by an R Practitioner, appointment limited to six months. Salary rate £175 per annum, with full residential emoluments.

Application, stating age, qualifications, and nationality, and accompanied by copies of three recent testimonials, to be sent to undersigned.

J. KENYON, Financial Secretary.

## Salop County Council.

TEMPORARY ASSISTANT MEDICAL OFFICER OF HEALTH AND ASSISTANT SCHOOL MEDICAL OFFICER.

Applications for the above post are invited from duly registered medical practitioners who possess a recognised qualification in Public Health and have had at least three years' experience in the practice of their profession.

The duties of Assistant Medical Officer will include medical inspection of school-children, maternity and child welfare work, and attendance at associated clinics. The salary will be at the rate of £600 per annum, rising by annual increments of £25 to £700 (together with a travelling allowance in accordance with the County Scale).

The appointment will be determinable by one month's notice on either side and the whole time of the officer appointed must be devoted to the performance of the duties assigned by the County Medical Officer.

Applications, accompanied by a copy of three recent testimonials, should be submitted not later than March 8th, 1941, to the County Medical Officer, County Health Offices, Shrewsbury, from whom the necessary forms and conditions of service can be obtained.

W. L. EDGE, Clerk of the Council.

Shirehall, Shrewsbury, February, 1941.

AMENDED ADVERTISEMENT.

## Tewkesbury Borough, Gloucester Rural

AND NEWENT RURAL UNITED DISTRICTS (MEDICAL OFFICER OF HEALTH) JOINT COMMITTEE, AND CHARLTON KINGS URBAN, CHELTENHAM RURAL AND NORTH COTSWOLD RURAL UNITED DISTRICTS (MEDICAL OFFICER OF HEALTH) JOINT COMMITTEE.

APPOINTMENT OF TEMPORARY MEDICAL OFFICER OF HEALTH.

Applications are invited from qualified medical practitioners who are ineligible for Military Service for the temporary appointment of Medical Officer of Health for the following districts, viz.:—

Tewkesbury Borough.
Gloucester Rural District.
Newent Rural District.
Charlton Kings Urban District.
Cheltenham Rural District.

The appointment is a temporary one and will probably be for the duration of the present emergency and will be subject to three months' notice.

The salary will be £800 per annum and an allowance of £100 per annum will be paid in respect of travelling.

The person appointed will be required to devote the whole of his time to the duties of the office.

Applications, endorsed "Temporary Medical Officer of Health," stating age, qualifications and particulars of previous experience, accompanied by copies of three recent testimonials, must be sent to the undersigned not later than Friday, the 28th February, 1941.

W. J. KNIGHT,
Clerk to Tewkesbury Borough, etc.
Joint Committee.

Berkeley Chambers, Gloucester.
10th February, 1941.

## Addenbrooke's Hospital, Cambridge.

APPOINTMENT OF HOUSE OFFICER (A) TO THE LEYS SCHOOL SANATORIUM ANNEXE.

Applications are invited from registered medical practitioners (unmarried), Male and Female, for the appointment of House Officer (A) to the Leys School Sanatorium Annexe (77 Beds, of which 35 are for Ear, Nose, and Throat cases), including R practitioners within three months of qualification. The appointment will commence on March 1st, 1941, or nearest date possible, and is for a period of six months, but is terminable at an earlier date by one month's written notice on either side. Salary at the rate of £130 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than Wednesday, February 26th.

J. A. BEARDSALL, Secretary-Superintendent.

## Royal Sussex County Hospital,

BRIGHTON. (375 Beds.)

APPOINTMENT OF A CASUALTY HOUSE SURGEON (A).

Applications are invited from registered medical practitioners (Male), including R practitioners within three months of qualification, for the appointment of a House Surgeon (A), to become vacant about 1st March, 1941. If held by an R practitioner, appointment will be for a period of six months. Otherwise it will be for a period of at least six months. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent as soon as possible to the undersigned.

L. L. W. LANCASTER-GAYE, Secretary-Superintendent.

## Grimsby and District Hospital.

APPOINTMENT OF HOUSE PHYSICIAN (A).

Applications are invited from Male registered medical practitioners for the appointment of a House Physician (A), including R practitioners within three months of qualification. If held by an R practitioner, appointment will be limited to six months. Salary is at the rate of £175 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

H. B. COATES, Secretary-Superintendent.

February 12th, 1941.

## Rochdale Infirmary and Dispensary,

LANCS. (110 Beds.)

APPOINTMENT OF HOUSE PHYSICIAN (A).

The Board of Management invites applications for the appointment of House Physician (A appointment) now vacant, including R practitioners within three months of qualification. If held by R practitioner, appointment will be for a period of six months. The duties include work in the Out-patient, Aural, Ophthalmic, &c. Departments as well as in the wards. The Hospital covers a large industrial area, and affords excellent opportunity for experience.

Salary attached to the appointment is at the rate of £150 per annum, including board, residence, and laundry.

The successful candidate will be required to be a member of a medical defence society.

Applications, stating age, nationality, &c., together with copies of three recent testimonials, to be sent to the Secretary.

W. WYNNE, Secretary.

Infirmary Office, Rochdale.

## City of Birmingham.

ROMSLEY HILL SANATORIUM. (120 Beds.)

RESIDENT ASSISTANT MEDICAL OFFICER (MALE OR FEMALE)—A POST.

Applications are invited from registered medical practitioners, including R practitioners within three months of qualification, for a Resident Assistant Medical Officer (Male or Female), A post. Candidates must be unmarried and have held resident hospital appointment since qualifying. Experience in the diagnosis and treatment of tuberculosis will be a recommendation.

The appointment will be limited in the first instance to six months, and, subject to satisfactory service, may be extended for a further six months. If held by an R practitioner the appointment will be for a period of six months. The salary will be at the rate of £275 per annum for the first six months and £300 per annum for the second six months, with board and residence in each case.

Forms of application may be obtained from the MEDICAL SUPERINTENDENT, Romsley Hill Sanatorium, Halesowen, near Birmingham, and should be returned to him not later than Thursday, 27th February, 1941.

## City of Birmingham.

JUNIOR RESIDENT MEDICAL OFFICERS (MALE OR FEMALE)—A POSTS.

Applications are invited from registered medical practitioners, including R practitioners within three months of qualification, for Junior Resident Medical Officers (Male or Female) at the MUNICIPAL GENERAL HOSPITALS for the treatment of medical and surgical cases. Salary at the rate of £200 per annum, with full residential emoluments. The appointments, if held by R practitioners, will be limited to six months, otherwise for a period of not less than six months.

Further particulars may be obtained from the Medical Superintendents, and applications, stating age, experience, and qualifications, with copies of recent testimonials, should be forwarded to the MEDICAL OFFICER OF HEALTH, Council House, Congreve-street, Birmingham, 3, not later than Thursday, 27th February, 1941.

## Royal Manchester Children's Hospital,

PENDLEBURY, Near MANCHESTER.

RESIDENT MEDICAL OFFICER.
(B1 Appointment).

Applications are invited for the post of Resident Medical Officer. Salary £150 per annum. The appointment is for a period of six months, commencing 1st March, 1941. Candidates must be unmarried. Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply.

Applications, stating age, and accompanied by copies of not more than three recent testimonials, to be sent to the undersigned immediately.

Canvassing, directly or indirectly, may disqualify.

By Order,
H. HEARDMAN, Secretary.

## The Duchess of York Hospital for

BABIES, MANCHESTER.
(80 Beds.)

Applications are invited from registered medical practitioners, Male and Female, for the appointment of SENIOR RESIDENT MEDICAL OFFICER (B1), to become vacant on the 1st April, 1941, including R practitioners who now hold B2 or B1 posts. The appointment is for six months and the salary at the rate of £175 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than 26th February, 1941.

LOUISE GILLESPIE, Secretary.

## Warrington Infirmary.

APPOINTMENT OF A HOUSE SURGEON (A).

Applications are invited from registered medical practitioners (Male) for the appointment of House Surgeon (A), to become vacant on the 1st April, including R practitioners within three months of qualification.

If held by an R practitioner the appointment will be for a period of six months.

Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, accompanied by copies of three recent testimonials, should be sent to the undersigned not later than Saturday, 1st March.

HENRY L. BOOT, Superintendent and Secretary.

## Sussex Eye Hospital, Eastern Road,

BRIGHTON. (48 Beds.)

Applications are invited from registered medical practitioners for the appointment of a HOUSE SURGEON (B2) (Male or Female), vacancy immediately, including R practitioners who now hold A posts. Salary is at the rate of £150 per annum, with full residential emoluments. If held by an R practitioner the appointment is limited to six months.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

PERCY F. SPOONER, Assistant Secretary.

7th February, 1941.

## County Borough of St. Helens.

ASSISTANT MEDICAL OFFICER OF HEALTH.

Applications are invited for the post of additional Assistant Medical Officer of Health (Male or Female).

The duties will normally be in connexion with the School Medical Service, but may include other duties on the staff of the Health Department, at the discretion of the Medical Officer of Health.

Candidates should have special experience in the diseases of children or experience in School Medical Inspection and the possession of a diploma in Public Health is desirable, but not essential.

The salary will be at the rate of £500 per annum, rising by annual increments of £25 to a maximum of £700 per annum, plus travelling expenses, or in lieu, a motor-car allowance, at present at the rate of £50 per annum. The salary is at present subject to a temporary war cost of living bonus at the rate of 6 % on the first £300 and 3 % on the next £200.

In the case of a candidate now in the service of another Authority on a rising scale, recognition may be given to past service with such Authority in fixing the commencing salary.

The appointment will be subject to the provisions of the Local Government Superannuation Act, 1937, and the successful candidate will be required to pass a medical examination.

Forms of application may be obtained from the Medical Officer of Health, Town Hall, St. Helens, and completed applications, accompanied by copies of not more than three recent testimonials, should reach him not later than the 7th March, 1941.

Canvassing members of the Council or Committees of the Corporation will be a disqualification.

FRANK HAUXWELL, Medical Officer of Health.

Town Hall, St. Helens, 17th February, 1941.

## City Hospital, Chester.

APPOINTMENT OF RESIDENT MEDICAL OFFICER (B2).

Applications are invited from registered medical practitioners for the appointment of Resident Medical Officer, including R practitioners who now hold A posts. If held by an R practitioner the appointment will be limited to six months, otherwise it will be for a period of twelve months. The salary is at the rate of £200 per annum, with full residential emoluments.

APPOINTMENT OF JUNIOR RESIDENT MEDICAL OFFICER (A).

Applications are invited from registered medical practitioners (including R practitioners within three months of qualification) for the appointment of Junior Resident Medical Officer (A) on the resident staff of the above general hospital, 200 Beds. The appointment will be for six months, but terminable on one month's notice on either side. Salary at the rate of £150 per annum, plus full residential emoluments.

Applications, together with three copies of recent testimonials, for the above posts, must be delivered to the MEDICAL OFFICER OF HEALTH, Town Hall, Chester, by Friday, the 28th February, 1941.

Canvassing will disqualify and relationship to members of the Council must be disclosed.

## City of Birmingham.

MATERNITY AND CHILD WELFARE DEPARTMENT.

TEMPORARY MEDICAL OFFICER.

Applications are invited for a temporary Woman Medical Officer.

The work includes attendance at antenatal and children's clinics.

Applicants should have had considerable experience in work with mothers and children, including a six months' resident post in a Maternity Hospital and in a Children's Hospital. Salary offered is £10 per week.

Applications, endorsed "Temporary Medical Officer for Maternity and Child Welfare," and accompanied by copies of three recent testimonials, to be made on a form obtainable from the MEDICAL OFFICER OF HEALTH, Council House, Birmingham, 3, and returned to him on or before 5th March, 1941.

## Royal Berkshire Hospital, Reading.

Applications are invited from registered medical practitioners (Male) for the following appointments which fall vacant on March 1st, 1941:—

HOUSE SURGEON (A);

HOUSE SURGEON to the OBSTETRIC and GYNÆCOLOGICAL DEPARTMENTS (A);

including R practitioners within three months of qualification. Both appointments are for six months. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, to be sent to the undersigned immediately.

H. E. RYAN, Secretary and House Governor.

## St. Mary's Hospital, Whitworth Park, MANCHESTER.

Applications are invited from registered medical practitioners for the appointment of a GYNÆCOLOGICAL HOUSE SURGEON (B2). R practitioners now holding A posts may apply, when appointment will be limited to six months. Salary at the rate of £50 per annum, with board and residence.

Apply immediately to the undersigned.

A. R. WISE, Superintendent and Secretary.

## County Borough of Newport.

PUBLIC ASSISTANCE COMMITTEE.

TEMPORARY SENIOR HOUSE SURGEON (B1).

Applications are invited from registered medical practitioners (Male) for the above appointment under the Hospital Scheme at Wooloston House Hospital (A1 Casualty Hospital). Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply. Salary £350 per annum, plus the usual residential emoluments. All fees, with the exception of Coroner's Fees, are payable to the Public Assistance Committee. Appointment terminable by one month's notice on either side.

Applications, stating age, qualifications, and experience, and accompanied by copies of three recent testimonials, to be sent to the Public Assistance Officer, Town Hall, Newport, at once.

S. M. T. BURPITT, Town Clerk.

Town Hall, Newport, Mon, 18th February, 1941.

## Hull Corporation Health Department.

ASSISTANT MEDICAL OFFICER OF HEALTH.

Applications are invited from duly qualified medical Men under forty years of age, and of not less than three years' standing in their profession, for the above post.

Preference given to candidates possessing the Diploma in Public Health or equivalent qualification.

Salary £600 per annum, rising by annual increments of £25 to £700 per annum.

Duties consist mainly of work in the School Medical Department.

Experience in refraction work essential. Preference given to applicants who are Certifying Officers for the examination of Mentally Defective Children.

Application forms may be obtained from the MEDICAL OFFICER OF HEALTH, Guildhall, Hull, to whom they should be returned not later than 10 A.M. on Monday, the 10th March, 1941.

## Hull Corporation Health Department.

ANLABY-ROAD HOSPITAL.

TEMPORARY ASSISTANT MEDICAL OFFICER (B1).

Applications are invited for the above temporary appointment from registered medical practitioners, of either sex, who must be under the age of forty years. Salary £350 per annum, rising by annual increments of £25 to £450 per annum, together with an allowance at the rate of £150 per annum in respect of board and residence outside the hospital. R practitioners holding B2 or B1 appointments are invited to apply.

The hospital forms part of the M.S. Scheme as a Clearing Hospital.

Forms of application, &c., may be obtained from, and returned duly completed to, the MEDICAL OFFICER OF HEALTH, Guildhall, Hull, not later than 10 A.M. on Monday, the 10th March, 1941.

## The Buchanan Hospital,

ST. LEONARDS-ON-SEA.

(148 Beds.)

APPOINTMENT OF HOUSE SURGEON (A Post), (Male or Female).

Applications are invited from fully qualified medical practitioners, including Male (R practitioners within three months of qualification) or Female, for the post of House Surgeon. Salary £125 per annum, or according to experience. The successful applicant to commence duties as soon as possible. If held by an R practitioner, appointment will be for a period of six months.

Applications, with three copies of recent testimonials, should be sent to the undersigned immediately.

FRANK HART, Secretary.

## Bootle General Hospital,

Linacre-lane, BOOTLE, LIVERPOOL, 20.

(131 Beds.)

GENERAL HOUSE SURGEON.

Applications are invited from registered medical practitioners, Male and Female, for the above (A) appointment, including R practitioners within three months of qualification.

Appointment is for a period ending 30th June, 1941. Salary at the rate of £150 per annum, with full residential emoluments.

Application, stating age, qualifications with details, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

A. J. COOPER, Secretary-Superintendent.

## Borough of Erith.

APPOINTMENT OF ASSISTANT MEDICAL OFFICER OF HEALTH (TEMPORARY).

Applications are invited from registered medical practitioners (Male or Female) holding Diplomas in Sanitary Science, Public Health, or State Medicine for the whole-time appointment (temporary) of Assistant Medical Officer of Health, at a salary of £600 per annum inclusive, subject to one month's notice on either side. The successful candidate will be required to reside within the Borough.

The Officer appointed will act under the supervision of the Medical Officer of Health, and the duties will include the regular inspection, by day or night as required, of the public shelters in the Borough, and such other medical services as may be required.

Forms of application may be obtained from the undersigned, and applications, accompanied by not more than three recent testimonials, must be received not later than March 15th, 1941. The envelope must be endorsed "Assistant Medical Officer of Health."

H. C. CHURCHILL, A.R.P. Controller.

## Walsall General Hospital.
(181 Beds.)

Applications are invited from registered medical practitioners for the appointment of CASUALTY HOUSE SURGEON (A), to become vacant on 1st March, including R practitioners within three months of qualification. The appointment will be for a period of six months and the salary at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three testimonials, should be sent to the undersigned as soon as possible.

R. C. MILLWARD, House Governor.

14th February, 1941.

## Salisbury General Infirmary.
Voluntary Hospital. (225 Beds.)

APPOINTMENT OF RESIDENT MEDICAL OFFICER (B1).

Applications are invited from registered medical practitioners for the appointment of Resident Medical Officer to become vacant on 14th March, 1941.

Applicants should have held house appointments and had surgical experience. The appointment will be for a period of twelve months. Salary is at the rate of £250 per annum, with full residential emoluments. Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

JOHN WILLIAMS, Secretary-Superintendent.

## Salisbury General Infirmary.
(Voluntary Hospital. 225 Beds.)

APPOINTMENT OF HOUSE SURGEON (A).

Applications are invited from registered medical practitioners (Male), including R practitioners within three months of qualification, for the post of House Surgeon (A), to become vacant on February 18th, 1941. If held by an R practitioner, appointment will be for a period of six months. Salary is at the rate of £125 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

JOHN WILLIAMS, Secretary-Superintendent.

## Royal Sheffield Infirmary and Hospital.
THE ROYAL INFIRMARY, SHEFFIELD, 6.

Applications are invited from registered medical practitioners (Male and Female) for the following appointments:—

HOUSE SURGEON (A)
HOUSE PHYSICIAN (A)

now vacant, including R practitioners within three months of qualifications. The appointments will be tenable for six months. Salary is at the rate of £80 per annum, with full residential emoluments.

Applications, stating age, qualifications, with dates and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned forthwith.

H. KINGSLEY PEARCE,
General Superintendent and Secretary.

4th February, 1941.

## Summersdale Hospital,
GRAYLINGWELL, CHICHESTER.

APPOINTMENT OF HOUSE SURGEON AND HOUSE PHYSICIAN (A Posts).

Applications are invited from registered medical practitioners for the above posts (A), including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Otherwise it will be for a period of six months in the first instance. Salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the MEDICAL SUPERINTENDENT as soon as possible.

## Preston and County of Lancaster
QUEEN VICTORIA ROYAL INFIRMARY.
(General Hospital. 404 Normal Beds.)

Applications are invited from single medical Men, including R practitioners holding A posts, for the post of CASUALTY OFFICER (B2) for six months, vacant now. Salary at the rate of £175 per annum, with the usual residential emoluments. Total resident staff, nine.

Applications, stating age, qualifications with dates, nationality, and present post, accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

JOHN GIBSON, Superintendent and Secretary.

## Bradford Children's Hospital.

HOUSE SURGEON (A post) (Male or Female) wanted immediately. R practitioners within three months of qualification are invited to apply, when appointment will be limited to six months.

Salary £150 per annum, with board, residence, and laundry.

Applications, stating age and nationality, with recent testimonials, stating when duties can be commenced, to

J. W. LONGLEY, Secretary-Superintendent.

## Borough of Wallsend.

APPOINTMENT OF DENTAL SURGEON.

Applications are invited from fully qualified registered Dental Surgeons not exceeding 40 years of age for the above post. Salary £500 per annum rising by annual increments of £25 to £600 per annum, plus the prevailing cost of living bonus.

The duties of the post are those in connexion with the School and the Maternity and Child Welfare Services and such other duties as may be directed by the Medical Officer of Health.

The successful candidate will be required to devote his whole time to the duties of the post and will not be allowed to engage in private or other practice, also to reside in the Borough.

The appointment will be subject to the approval of the Ministry of Health and the Board of Education; to the successful candidate passing a medical examination; to the provision of the Local Government Superannuation Act, 1937; and will be terminable on either side by three months' notice.

Forms of application to be received by me not later than the first post on the 15th March, 1941, accompanied by copies of three recent testimonials. Forms may be obtained, on receipt of a stamped addressed envelope, from the undersigned.

CHAS. E. BRADBURY, Town Clerk.

Town Hall, Wallsend-on-Tyne, 18th February, 1941.

## Borough of Wallsend.

APPOINTMENT OF ASSISTANT MEDICAL OFFICE OF HEALTH AND ASSISTANT SCHOOL MEDICAL OFFICER.

Applications are invited from fully qualified registered medical practitioners, not exceeding 40 years of age, for the above post. Salary £500 per annum rising by annual increments of £25 to £700 per annum, plus the prevailing cost of living bonus. In fixing the amount of commencing salary previous experience may be taken into account.

The duties of the post are those in connexion with the Public Health Department, Maternity and Child Welfare, School Medical Service, and such other duties as may be directed by the Medical Officer of Health. Applicants must possess the diploma in Public Health or an equivalent qualification, and also be able to do refraction work. The applicant appointed will be required to devote his whole time to the duties of the post and will not be allowed to engage in private or other practice, also to reside in the Borough.

The appointment will be subject to the approval of the Ministry of Health and the Board of Education; to the successful candidate passing a medical examination; to the provision of the Local Government Superannuation Act, 1937; and will be terminable on either side by three months' notice.

Forms of application to be received by me not later than the first post on the 15th March, 1941, accompanied by copies of three recent testimonials. Forms may be obtained, on receipt of a stamped addressed envelope, from the undersigned.

CHAS. E. BRADBURY, Town Clerk.

Town Hall, Wallsend-on-Tyne, 18th February, 1941.

## The Royal Hospital, Wolverhampton.
(Incorporated under Royal Charter.)
(310 Beds.)

Applications are invited for the post of ASSISTANT MEDICAL OFFICER (A) at The Royal Hospital, Wolverhampton. Salary at the rate of £150 per annum, with allowance for board. R practitioners within three months of qualification may apply, when appointment will be limited to six months.

The duties of the post, which will be those of the Senior Resident Officer in the Department of Medicine, may be obtained from the undersigned.

Applications should be received not later than the 24th inst.

W. H. HARPER, House Governor.

Wolverhampton, 3rd February, 1941.

## Exeter City Hospital M.S.

APPOINTMENT OF HOUSE SURGEON (A).

Applications are invited from registered medical practitioners (Male) for the appointment of House Surgeon (A) to become vacant on 1st February, 1941, including R practitioners within three months of qualification. The appointment will be limited to six months. Salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned forthwith.

G. B. PAGE, Medical Officer of Health.

5, Southernhay West, Exeter, 16th December, 1940.

## North Staffordshire Royal Infirmary,
STOKE-ON-TRENT.

Applications are invited from registered medical practitioners for the appointment of RESIDENT SURGICAL OFFICER (B1), now vacant. Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply. The Fellowship of one of the Royal Colleges of Surgeons is desirable.

Salary is at the rate of £350 per annum, with board, residence, and laundry, and the post is tenable for a period of twelve months.

Applications, stating age, nationality, qualifications, accompanied by three copy testimonials, should be sent to the undersigned as soon as possible.

THORNBURROW GIBSON,
Secretary and House Governor.

8th February, 1941.

## City of Plymouth.

THE CITY ISOLATION HOSPITAL,
Beacon Park-road, PLYMOUTH.

ASSISTANT RESIDENT MEDICAL OFFICER.

Applications are invited from registered medical practitioners (unmarried, Male) for the post of Assistant Resident Medical Officer (B1) at the City Isolation Hospital, Plymouth. The appointment is for a period of six months, mutually renewable for a further similar period, terminable by one month's notice on either side.

The appointed candidate will work under the supervision of the Medical Superintendent, and will devote the whole of his time to official duties, which will consist mainly of work in the hospital and assisting at certain venereal disease clinics. In addition to the above he will be required to perform any other duties allotted to him from time to time by the Medical Officer of Health.

Applicants should have held house appointments. Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply. Salary is at the rate of £300 per annum, with full residential emoluments. The officer will be required to refund to the Council all fees, allowances, and emoluments, other than the foregoing, received by him. The successful candidate will be required to pass a medical examination.

Applications, stating age, qualifications, and experience, together with copies of not more than three recent testimonials, must be forwarded forthwith to the undersigned.

T. PEIRSON, Medical Officer of Health.

Town Hall, Stonehouse, Plymouth.

## Rochdale Infirmary and Dispensary,

LANCS. (110 Beds.)

APPOINTMENT OF SENIOR HOUSE SURGEON (B2).

Applications are invited from registered medical practitioners, including R practitioners who now hold A posts, for the appointment of Senior House Surgeon (B2 appointment).

If held by an R practitioner, appointment will be limited to six months.

The salary attached to the appointment is at the rate of £200 per annum, with board, residence, laundry, &c.

Applications, stating age, qualifications, and nationality, accompanied by copies of three recent testimonials, to be sent to the undersigned immediately.

The successful candidate must be a member of a medical defence society.

W. WYNNE, Secretary.

Infirmary Office, Rochdale.

## Rochdale Infirmary and Dispensary,

LANCS. (110 Beds.)

APPOINTMENT OF SECOND HOUSE SURGEON (A).

The Board of Management invites applications for the appointment of Second House Surgeon (A appointment) now vacant, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months.

Salary attached to the appointment is at the rate of £150 per annum, including board, residence, and laundry.

Applications, stating age, nationality, &c., together with copies of three recent testimonials, to be sent to the Secretary.

The successful candidate must be a member of a medical defence society.

W. WYNNE, Secretary.

Infirmary Office, Rochdale.

## Beckenham Hospital, Beckenham,

KENT.

Applications are invited from registered medical practitioners (Male and unmarried) for the appointment of RESIDENT MEDICAL OFFICER (A), including R practitioners within three months of qualification, to commence duties immediately. If held by an R practitioner the appointment will be for a period of six months, otherwise the appointment is renewable for a further period.

Salary at the rate of £150 per annum, with board, residence, and laundry.

Applications, stating age, nationality, qualifications, and previous experience, with copies of recent testimonials, should be addressed to the undersigned.

The temporary appointment of a retired medical practitioner as a Locum would be considered.

GORDON EASTO, Secretary.

## Northampton General Hospital.

(381 Beds.)

Applications are invited from registered medical practitioners, and R practitioners within three months of qualification, for the appointment of HOUSE SURGEON (A).

If held by an R practitioner the appointment will be for a period of six months.

Salary is at the rate of £150 per annum, with board, residence, and laundry.

Candidates must be of British nationality.

Applications, stating age, qualifications with dates, and copies of three testimonials, should be sent to the undersigned as soon as possible.

GORDON S. STURTRIDGE, M.B., B.S., Superintendent.

15th February, 1941.

## Chorley and District Hospital,

CHORLEY, LANCS.
(Voluntary General Hospital with 100 Beds.)

Applications are invited from registered medical practitioners, Male and Female, for the appointment of HOUSE SURGEON (A), including R practitioners within three months of qualification, to commence duty in this month. If held by an R practitioner, appointment will be for a period of six months, otherwise the appointment is renewable for a further period. Salary £150 per annum.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned at once.

C. H. SPENCE, Secretary-Superintendent.

## Nottingham and Midland Eye Infirmary.

Applications are invited from registered medical practitioners, Male and Female, for the post of RESIDENT HOUSE SURGEON (B2) at once, including R practitioners who now hold A posts. If held by an R practitioner the appointment will be limited to six months. Salary £200 per annum, with full residential emoluments. 53 Beds. Large out-patient department. Post recognised D.O.M.S.

Applications, stating age, qualifications, and nationality, with copies of three recent testimonials, to the undersigned forthwith.

T. RUSSELL MOORE, Secretary.

The Ropewalk, Nottingham.

## Pontypool and District Hospital,

PONTYPOOL. (80 Beds.)

"A" HOUSE APPOINTMENT.

Applications are invited for the post of RESIDENT MEDICAL OFFICER. R practitioners within three months of qualification may apply. Salary £200 per annum, with board, residence, and laundry. The appointment is for six months. Conditions of appointment and particulars of duties can be obtained from the undersigned.

Applications must state age and qualifications.

N. A. BALL, Secretary.

## Victoria Central Hospital, Wallasey.

APPOINTMENT OF TWO HOUSE SURGEONS (A).

Applications are invited from registered medical practitioners, Male and Female, for the appointment of House Surgeons (A) to become vacant on 1st April, 1941, including R practitioners within three months of qualification. The appointments will be for a period of six months.

Salary is at the rate of £100 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned as early as possible.

FRANK DEAN, F.C.I.S., Secretary-Superintendent.

## Perth Royal Infirmary.

Wanted, Two JUNIOR HOUSE SURGEONS for A posts, to commence at once. R practitioners within three months of qualification may apply. Salary £100 per annum for first six months. If held by an R practitioner, appointment will be for a period of six months.

Apply, with full particulars, to ADMINISTRATIVE MEDICAL OFFICER, Infirmary, Perth.

## Salisbury General Infirmary.

(Voluntary Hospital. 225 Beds.)

APPOINTMENT OF HOUSE PHYSICIAN (B2).

Applications are invited from registered medical practitioners (Male) for the appointment of House Physician (B2), to become vacant on 12th March, 1941, including R practitioners who now hold A posts. If held by an R practitioner the appointment will be limited to six months. The salary is at the rate of £125 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

JOHN WILLIAMS, Secretary-Superintendent.

## Kent and Sussex Hospital,

TUNBRIDGE WELLS.

BROOMHILL BANK. (50 Beds.)
(Annexe to above Hospital.)

APPOINTMENT OF RESIDENT MEDICAL OFFICER (B2).

Applications are invited from registered medical practitioners, Male, for the appointment of Resident Medical Officer (B2), to become vacant February 17th, 1941, including R practitioners who hold A posts.

If held by an R practitioner the appointment will be limited to six months.

The salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, accompanied by copies of three recent testimonials to be sent to the undersigned as soon as possible.

TOM B. HARRISON, Superintendent-Secretary.

February 3rd, 1941.

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## Lancashire County Council.

COUNTY HOSPITAL, WHISTON, Near PRESCOT.

APPOINTMENT OF A RESIDENT SURGICAL OFFICER (B1).

Applications are invited from registered medical practitioners for the appointment of Resident Surgical Officer. Applicants should have held House appointments and had surgical experience. Preference will be given to candidates holding diploma of F.R.C.S. Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply. The Hospital is a General Hospital dealing with acute work and comprises 800 Beds.

Salary is at the rate of £550 per annum, together with the usual residential emoluments.

The person appointed will be required to take up duty as early as possible.

Forms of application may be obtained from the County Medical Officer of Health, Hospital and Medical Department, County Offices, Preston, to whom all applications must be returned not later than Monday, the 3rd March, 1941.

GEORGE ETHERTON, Clerk of the County Council.

County Offices, Preston, 13th February, 1941.

## Taunton and Somerset Hospital,

TAUNTON.

HOUSE PHYSICIAN (A).

Applications are invited from registered medical practitioners. Male and Female, for the appointment of a House Physician (A), R practitioners within three months of qualification may apply. Appointment will be for a period of six months. Salary at rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of testimonials, to be sent to F. J. J. STACEY, Secretary.

## General Hospital, Nottingham.

(501 Beds.)

Applications are invited from registered medical practitioners (Male or Female), including R practitioners within three months of qualification, for the appointment of a HOUSE PHYSICIAN (A) for the above Hospital, duties to commence on or about April 13th. The appointment is for six months. Salary at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and copies of testimonials, should be sent to the undersigned.

HENRY M. STANLEY, House Governor and Secretary.

## Royal Berkshire Hospital, Reading.

Applications are invited from registered medical practitioners (Male) for the appointment of HOUSE SURGEON (A) to the SPECIAL DEPARTMENTS (Ear, Nose, Throat and Eye), to become vacant immediately, including R practitioners within three months of qualification.

The appointment is for six months.

Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

H. E. RYAN, Secretary and House Governor.

## North Riding Infirmary, Middlesbrough.

(General Hospital—143 Beds—Three Residents.)

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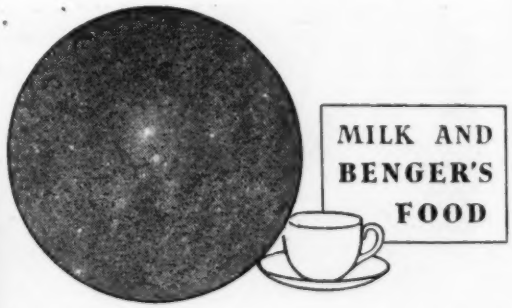


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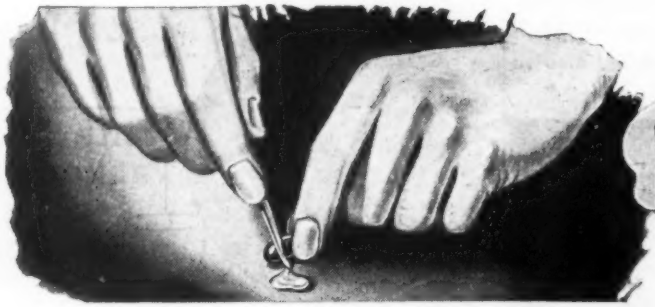

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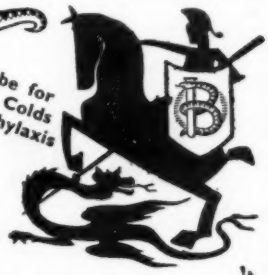

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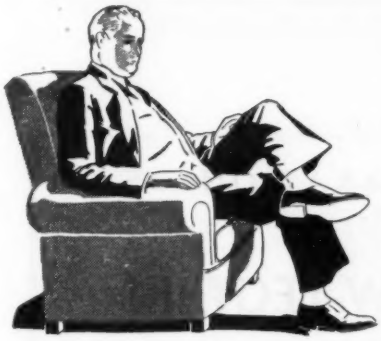

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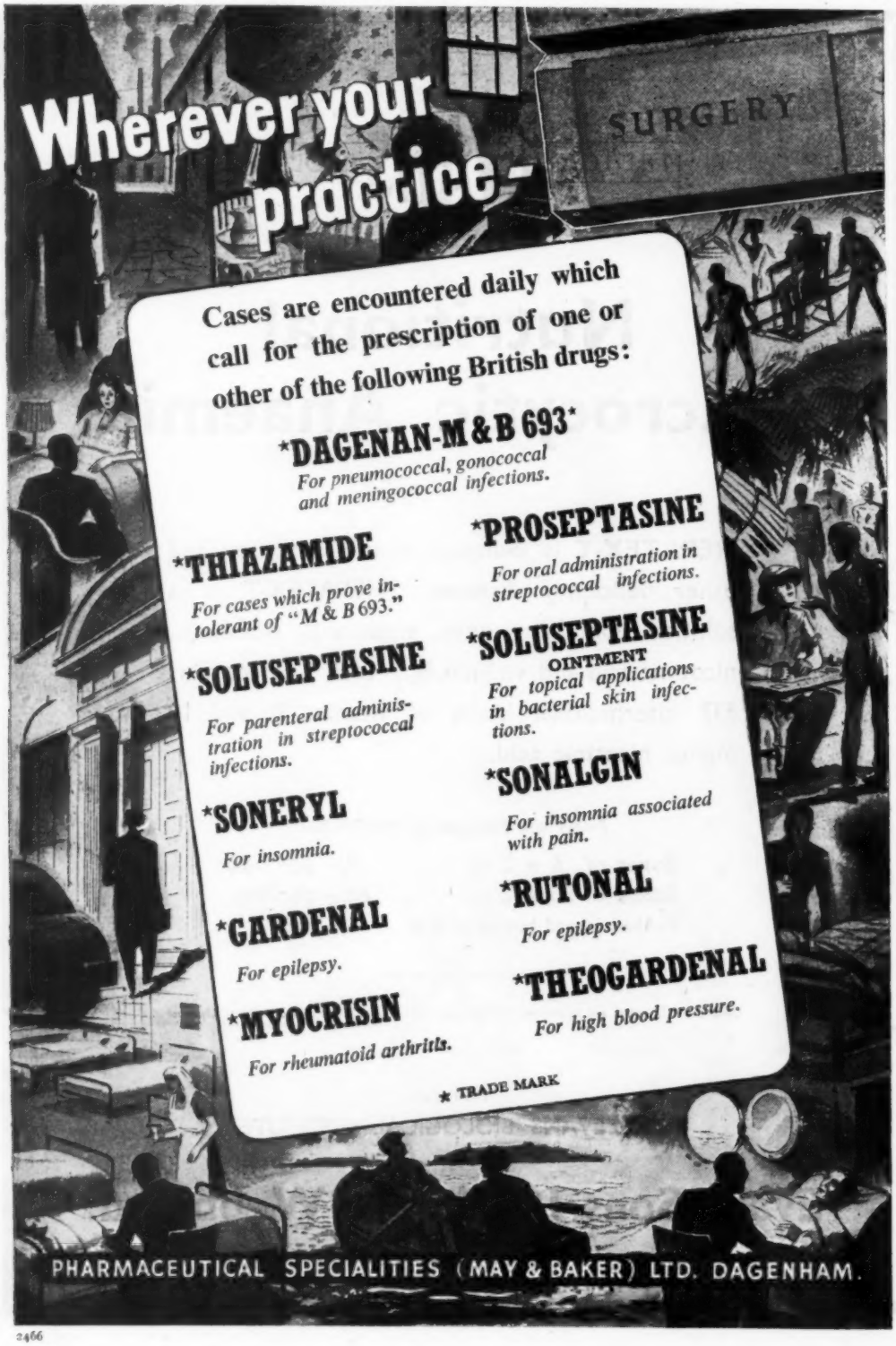
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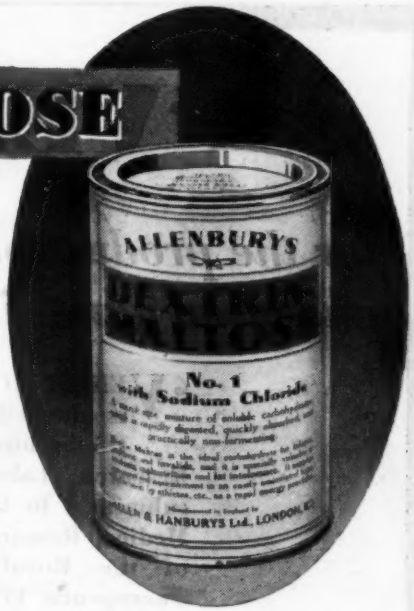


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*References:* Lancet, *November 16th, page 621.*
B.M.J. *November 16th, page 679.*

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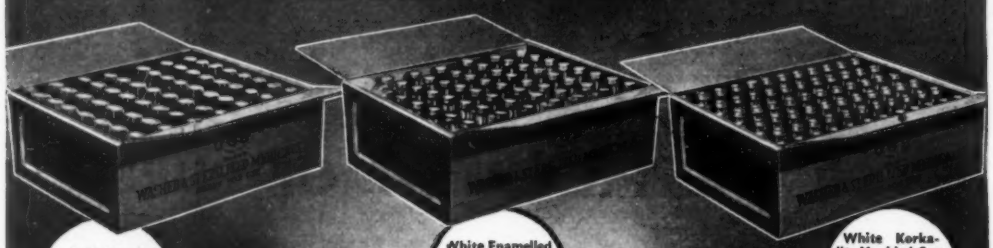

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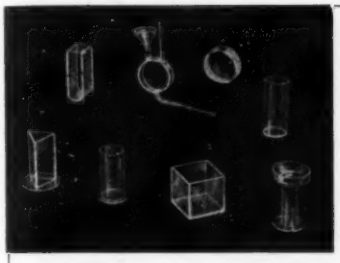

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The annual stipend of each Student is £100.

The last day for sending in Petitions is 11th March.

Applications, stating *kind* of Studentship and mentioning this paper, should be made to the Clerk, Mr. CHOLMELEY, 28, Lincoln's Inn-fields, London, W.C.2.

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ROBT. BROUGH,
Acting Secretary of University Court.

February, 1941.

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## WAR SURGERY OF THE CHEST
### 17th to 21st March, 1941

| | | | |
|---|---|---|---|
| Monday, 17th March | 10 A.M. | Introductory Lecture. | Mr. A. Tudor Edwards, M.D., F.R.C.S. |
| | 11.30 A.M. | Anatomy, Physiology and Pathology of Chest Wounds. | Mr. T. Holmes Sellors, D.M., M.Ch., F.R.C.S. |
| | 1.15 P.M. | Bus to Royal College of Surgeons. | |
| | 2 P.M. | Demonstration of Specimens of Gunshot Wounds. | Mr. O. S. Tubbs, F.R.C.S. |
| Tuesday, 18th March | 10 A.M. | The Surgery of the Open Thorax. | Mr. C. Price Thomas, F.R.C.S. |
| | 11.15 A.M. | Anæsthesia in Chest Surgery. | Dr. H. Woodfield Davies, B.A., L.M.S.S.A. |
| | 1.30 P.M. | Closed Wounds of Chest, etc. | Professor J. A. Nixon, C.M.G., M.D., F.R.C.P. |
| | 2.30 P.M. | Operative Demonstrations on the Cadaver. | Mr. A. K. Henry, M.Ch., F.R.C.S. |
| Wednesday, 19th March | 10 A.M. | Gunshot Wounds of the Heart. | Prof. G. Grey Turner, LL.D., D.Ch., M.S., F.R.C.S. |
| | 11.15 A.M. | Radiography in Gunshot Wounds of the Chest. | Dr. J. Duncan White, M.B., Ch.B., D.M.R.E. |
| | 2 P.M. | Thoracico-Abdominal Wounds. | Surg. Rear-Admiral G. Gordon-Taylor, O.B.E., M.S., F.R.C.S. |
| | 3.15 P.M. | Drainage of the Pleural Cavity. | Mr. R. C. Brock, M.S., F.R.C.S. |
| Thursday, 20th March | 10 A.M. | Technique of Operations for removal of foreign bodies from lung, other operations for late wounds, etc. | Prof. G. Grey Turner, LL.D., D.Ch., M.S., F.R.C.S. |
| | 11.15 A.M. | Instruments and Appliances used or that can be used in Chest work. | Mr. R. H. Franklin, F.R.C.S. |
| | 2 P.M. | Operations on Cadaver, Mediastinum, Heart, etc. | Mr. A. K. Henry, M.Ch., F.R.C.S. |
| Friday, 21st March | 10 A.M. | Late Results of Gunshot Wounds. | Mr. J. E. H. Roberts, O.B.E., F.R.C.S. |
| | 11.15 A.M. | Other Aspects of Closed Wounds of Chest, Collapse Therapy, etc. | Major J. G. Scadding, M.D., M.R.C.P. |
| | 2 P.M. | Miscellaneous Considerations regarding Chest Surgery, followed by a general discussion. | Mr. N. Barrett, M.Ch., F.R.C.S. |

The fee for the Course is one guinea, but no fee will be charged in the case of Officers of the Armed Forces and E.M.S. who submit a leave certificate and register their names before the commencement of the Course. Applications for tickets should be addressed to the Dean, British Postgraduate Medical School, Ducane Road, W.12.

Further courses on War Surgery will commence as follows:—

WAR SURGERY OF THE NERVOUS SYSTEM: Monday, 31st March.
OPERATIVE SURGERY IN WARTIME: Monday, 21st April.
WAR SURGERY OF THE EXTREMITIES: Monday, 12th May.

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| *Anatomy | 3 | 3 |
| *Physiology | 2 | 2 |
| †Midwifery | 4 | 3 |
| Pathology | 4 | 3 |
| Public Health, Part I (Bacteriology and Parasitology) | 1 | 1 |
| Public Health, Part II | 1 | 1 |
| Pathology and Tropical Hygiene | 1 | 1 |
| Tropical Medicine and Surgery | 1 | 0 |
| Ophthalmic Medicine and Surgery | 3 | 2 |
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KENNEDY CASSELS, Secretary.

March 1st, 1941.

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For terms and further particulars apply to the Medical Superintendent, who may be seen in Manchester BY APPOINTMENT. *Telephone: Gatley* 2231 (3 lines).

# CAMBERWELL HOUSE

Telegrams: "PSYCHOLIA, LONDON." 33, PECKHAM RD., LONDON, S.E.5. Telephone: Rodney 4242 (3 lines).

***For the treatment of MENTAL DISORDERS.***

Also completely detached Villas for Mild Cases, with private suites if desired. Voluntary Patients received. Twenty acres of Grounds. Hard and Grass Tennis Courts, Putting Greens, Bowls, Croquet, Squash Rackets, Recreation Hall with Badminton Court, and all indoor amusements, including Wireless and other Concerts, Occupational Therapy, Calisthenics, and Dancing Classes. X-ray and Actino-therapy, Prolonged Immersion Baths, Operating Theatre, Pathological Laboratory, Dental Surgery, and Ophthalmic Department. Chapel. **Shock and also modified Insulin Therapy.**

Senior Physician: Dr. HUBERT JAMES NORMAN, assisted by a resident Medical Staff, and visiting Consultants.

An Illustrated Prospectus, giving fees which are strictly moderate, may be obtained upon application to the Secretary.

**The Convalescent Branch is Hove Villa, Brighton, and is 200 feet above sea level.**

# THE COTSWOLD SANATORIUM

First opened in 1898 and rebuilt in 1925 on the Cotswold Hills seven miles from Cheltenham, for the Treatment of Pulmonary and all other forms of Tuberculosis. Aspect S.S.W., sheltered from North and East, elevation 800 feet. Pure bracing air, SPECIAL TREATMENT by artificial PNEUMOTHORAX (X-ray controlled). TUBERCULINS, and ULTRA-VIOLET RAYS is available when necessary without extra charge. X-RAY plant, Fully Equipped Dental Department, Electric Light Radiators, hot and cold basins and Wireless in all rooms. Up-to-date drainage. Full day & night Nursing Staff. **Terms: 5½ to 8½ Guineas a week inclusive.**

*Med. Supt.:* GEOFFREY A. HOFFMAN, B.A., M.B., T.C. Dub. *Asst. Phys.:* MARGARET A. HARRISON, M.B., B.S. Lond. *Cons. Laryngologist:* G. N. BARKER, F.R.C.S. Edin., D.L.O. *Cons. Dent. Surgeon:* GEORGE V. SAUNDERS, L.D.S.R.C.S. Lond. *Phone:* 81 & 82 Witcombe. Apply: *The Secretary, The Cotswold Sanatorium, Cranham, Gloucester. Telegrams:* "Hoffman, Birdlip."

# COURT HALL, KENTON, near EXETER

FOR THE TREATMENT OF EIGHT LADIES, VOLUNTARY, TEMPORARY AND CERTIFIED PATIENTS

# CLIFFDEN, TEIGNMOUTH

FOR EARLY AND CONVALESCENT CASES Recreational Therapies are held daily by skilled Leaders

The house stands high with spacious balconies and extensive views of the South Devon Coast. Beautiful garden. Own Dairy in 25 acres. Private road to beach.

There is also a charming house, EBWORTHY, MANATON, DARTMOOR, situated in 20 acres, 1100 ft. up for bracing moorland air.

*Resident Physicians*—BERTHA M. MULES, M.D., B.S. ANNE S. MULES, M.R.C.S., L.R.C.P.

Telephones—STARCROSS 259 and TEIGNMOUTH 289

# THE LAW NURSING HOME
## ROCHDALE (Lancs)

Founder: The late SIR A. J. LAW, J.P., M.P.

*A Private Hospital, exclusively for the treatment of POST-ENCEPHALITIC PARKINSONISM, PARKINSON'S DISEASE and ALLIED DISORDERS*

The Nursing Home is governed by Trustees; any surplus is utilized to help patients who cannot afford full fees. Extensive grounds. Hydro. Expert Massage and Physical re-education. Dietary treatment. Equipped with every laboratory apparatus for the investigation and treatment of the diseases. Results of the BULGARIAN TREATMENT published (*Lancet*, 1939, 1, 693) approx.: 300 patients treated in the last 3 years. Terms moderate. Further particulars apply Medical Superintendent. Tel.: Rochdale 2960.

# VALE OF CLWYD SANATORIUM

This Sanatorium is established for the treatment of Tuberculosis of the Lungs and the Pleural Cavities. It is situated in the midst of a large area of park-land at a height of 450 feet above sea-level, on the South West slopes of mountains rising to over 1800 feet, which protect it from north and east winds and provide many miles of graduated walks with magnificent views. Average rainfall 29·57 per annum. Full day and night Nursing Staffs. X-Ray plant. Every facility for Artificial Pneumothorax and for operations on the chest. Electric Lighting. Central Heating. Home Farm. Grade A Milk from T.T. Herd.

For particulars apply to Medical Superintendent.

H. MORRISTON DAVIES, M.D., M.Ch. (Cantab.), F.R.C.S., Llanbedr Hall, Ruthin, N. Wales.

# THE CASSEL HOSPITAL FOR FUNCTIONAL NERVOUS DISORDERS

new address: ASH HALL, BUCKNALL, near STOKE-on-TRENT, STAFFS. *Telephone:* ASH BANK 215

Owing to existing circumstances the hospital has been transferred from Swaylands, Penshurst, Kent, to the above address for the duration of the war. Ash Hall is situated in the country about 5 miles from Stoke in the direction of Ashbourne.

The hospital will continue to admit for treatment patients of moderate means suffering from psychoneurotic illnesses.

Patients suffering from psychotic illnesses are not eligible for admission.

Further particulars may be obtained by application to the Medical Director at the new address.

# RUTHIN CASTLE, NORTH WALES

A Private Clinic, the first in Great Britain, for investigation and treatment of all forms of disease, except infectious and mental

**There is a steel and concrete Air Raid Shelter with heating and a lift to all floors**

Inclusive charges — Apply SECRETARY — Telephone: Ruthin 66

# CRICHTON ROYAL, DUMFRIES For NERVOUS AND MENTAL DISORDERS

Separate Villa for patients suffering from the effects of alcoholism and drug addiction. Every facility for complete investigation and individual treatment on the most modern lines. Fully equipped gymnasium, golf course, and indoor swimming pool. Specially trained occupational and recreational therapists. **Special Department for Insulin Therapy.** As the hospital is well endowed terms are exceptionally moderate, e.g., First Department from 3 guineas per week, Second Department, 2 and 2½ guineas per week. Voluntary and certified patients are received. Medical Certificates given anywhere in the British Isles are valid for admission of patients. *For prospectus, necessary forms, and further information apply to:—*

Physician Superintendent, P. K. McCowan, J.P., M.D., F.R.C.P., D.P.M., Barrister-at-Law. *Tel.* Dumfries 1119

# HAYDOCK LODGE,
## NEWTON-LE-WILLOWS, LANCASHIRE.

For the reception and treatment of PRIVATE PATIENTS of both sexes of the UPPER AND MIDDLE CLASSES suffering from Mental and Nervous Disorders, Alcoholism and Drug addiction, either voluntarily, temporarily, or under certificate. Patients are classified in separate buildings according to their mental condition. Situated in park and grounds of 400 acres. Self-supported by its own farm and gardens in which patients are encouraged to occupy themselves. Every facility for indoor and outdoor recreation. For terms, prospectus, etc., apply MEDICAL SUPERINTENDENT. *'Phone:* Ashton-in-Makerfield 7311. *Tele. Address:* Street, Ashton-in-Makerfield.

# VALE ROYAL ABBEY

## The New Cheshire Home of MUNDESLEY SANATORIUM

This Modernised Mansion, situated in its own beautiful grounds in the heart of Cheshire, has been taken over, equipped and adapted to provide the high standard of treatment always associated with Mundesley Sanatorium—and more than ever necessary in Wartime. Terms from 6½ to 10½ guineas weekly. Tel.: Winsford 3336.

Vale Royal Abbey, Hartford, Cheshire.

Medical and Surgical Staff:
S. VERE PEARSON, M.D. (Cantab.), M.R.C.P. (Lond.)
E. C. WYNNE-EDWARDS, M.B. (Cantab.), F.R.C.S. (Edin.)
GEORGE DAY, M.D. (Cantab.)

# BETHLEM ROYAL HOSPITAL

## FOR NERVOUS AND MENTAL DISORDERS

**Monks Orchard, Monks Orchard Road, Eden Park, Beckenham, Kent.**

*Reg. Tel. Address:* BETHLEM, BECKENHAM *Telephone:* SPRINGPARK 1180–1181

*Station:* EDEN PARK (Southern Railway)

*President:* HER MAJESTY QUEEN MARY *Treasurer:* SIR LIONEL FAUDEL-PHILLIPS, Bart.

*Physician-Superintendent:* J. G. PORTER PHILLIPS, M.D., F.R.C.P.

This REGISTERED Hospital is situated at Monks Orchard in some 250 acres of park, pleasure and farm grounds. Application can be considered on behalf of patients of the educated classes in a presumably curable condition.

With a view to early treatment voluntary or uncertified patients are admitted.

Patients who can contribute 5 guineas weekly towards the cost of treatment and maintenance may be received as vacancies arise. The Committee will also consider applications for admission at lower rates and in certain cases will be prepared to admit patients free of charge.

The comfort of sensitive patients is greatly enhanced by the fact that the majority are given single bedrooms.

TREATMENT ON MODERN PRINCIPLES. Every facility for specialised investigation and treatment is provided in the Lord Wakefield of Hythe Science and Treatment Unit, including RADIOLOGICAL and DENTAL DEPARTMENTS, BIO-CHEMICAL, PATHOLOGICAL and PSYCHOLOGICAL LABORATORIES.

The Medical Staff have access to a panel of Consultants in cases which present unusual symptoms requiring specialised investigation and treatment.

Under the direction of qualified officers HELIO-THERAPY, HYDRO-THERAPY and ELECTRO-THERAPY are administered in the Physio-Therapy Department.

SPECIAL TREATMENT (Insulin, Cardiazol, Triazol, &c.) is given to suitable cases.

OCCUPATIONAL THERAPY in the form of various Arts and Crafts is actively encouraged from the medical aspect and under the guidance of a competent instructress this department has proved most effective as a therapeutic factor in all stages of mental illness.

The promotion of physical fitness is a prominent item of treatment and this is enhanced by arrangements for patients to take part in Outdoor and Indoor Sports and Entertainments, and special attention is drawn to the physical drill and dancing classes which form part of the regular hospital routine.

Application should be made to the Physician-Superintendent.

# THE MAUDSLEY HOSPITAL, DENMARK HILL, S.E.5.

A CLINIC for Neuroses and Curable Mental Disorder instituted by the London County Council. Facilities for *out-patient treatment only*. Cases seen from 9.30 A.M. to 12 NOON on Mondays, Wednesdays and Fridays. Inquiries of medical officer in charge at Sutton E. Hospital, Sutton, Surrey. Clinics for children are held at the Maudsley Hospital at 10 A.M. on Mondays.

Out-patient clinics are held also at St. Charles' Hospital, St. Charles' Square, Ladbroke Grove, W.10, at 10 A.M. on Wednesdays and Fridays for adults; at St. Mary (Islington) Hospital, Highgate Hill, N.19, for adults on Tuesdays and Fridays at 2 P.M.; and at Mile End Hospital, Bancroft Road, E.1, for adults on Thursdays at 10 A.M.

Attendance at the Children's Clinics at the Maudsley Hospital and at the Clinics at St. Charles', St. Mary (Islington), and Mile End Hospitals should be by appointment with the Psychiatric Social Worker at Mill Hill E. Hospital, N.W.7.

Hours of attendance subject to alteration.

# PECKHAM HOUSE, 112, Peckham Road, London, S.E.15

**Telegrams: "Alleviated, London"** **Telephone: Rodney 2641-2642**

**A Private Mental Hospital, for Ladies and Gentlemen suffering from Nervous and Mental Illness, where the amenities of a comfortable home are combined with full investigation and every well-established modern treatment.**

**Terms from 3½ guineas weekly.**

**Illustrated Prospectus may be obtained from the Physician Superintendent.**

# THE OLD MANOR SALISBURY

***A Private Hospital for the Care and Treatment of those of both sexes suffering from MENTAL DISORDERS.***

Extensive grounds. Detached Villas. Chapel. Garden and Dairy Produce from own farm. Terms very moderate.

**CONVALESCENT HOME AT BOURNEMOUTH** Detached Villas standing in 12 acres of ornamental grounds, with tennis courts, etc., which Voluntary, Temporary or Certified Patients may visit by arrangement for long or short period.

Illustrated Brochure on application to the Medical Superintendent The Old Manor, Salisbury. Telephone: Salisbury 3216 and 3217.

# HOLLOWAY SANATORIUM VIRGINIA WATER

**A Registered Hospital for the Treatment of MENTAL DISORDERS of the EDUCATED CLASSES. Founded by THOMAS HOLLOWAY in 1885.**

**This Institution is situated in a beautiful and healthy locality within easy reach of London. It is fitted with every comfort. Patients can have Private Bedrooms and Special Nurses as well as the use of General Sitting Rooms, at moderate rates of payment. Voluntary Patients can be admitted.**

**There is a Branch Establishment at CANFORD CLIFFS, BOURNEMOUTH, where Patients can be sent for a change and be provided with all the comforts of a well-appointed home.**

***For Terms, apply to—***

**The RESIDENT MEDICAL SUPERINTENDENT, St. Ann's Heath, Virginia Water, SURREY**

# ROYAL EARLSWOOD INSTITUTION
## REDHILL, SURREY

**For MENTAL DEFECTIVES of all ages**

Training under medical supervision. Schools, Farm, Trade Workshops, Recreations. Fees £110 to £375 p.a. Election by votes of subscribers at reduced terms for necessitous trainable cases.

Apply, Secretary. Tel.: Redhill 344

# THE MAGHULL HOMES FOR EPILEPTICS (INC.)
**MAGHULL (Near Liverpool)**

FARMING and OPEN AIR OCCUPATION for PATIENTS

A few vacancies in 1st and 2nd Class Houses.

FEES:
1st Class (men only) from £5 5s. p.w. upwards.
2nd Class (men and women) 32/- p.w.

*For further particulars apply*
Secretary,

C. EDGAR GRISEWOOD, A.C.A., 20 Exchange St. East, Liverpool

# NORTHUMBERLAND HOUSE
GREEN LANES,
FINSBURY PARK, N.4

A PRIVATE HOSPITAL for the treatment of mental and nervous illnesses. Conveniently situated and easy of access from all parts. Occupational Therapy, Psychotherapy, and other modern forms of treatment. A.R.P. Shelters.

*Telephone:* Stamford Hill 2688.

For further particulars apply to the MEDICAL SUPERINTENDENT

# THE COPPICE, NOTTINGHAM.
**HOSPITAL FOR MENTAL DISEASES.**
President: The Right Hon. LORD BELPER.

This Institution is exclusively for the reception of a limited number of PRIVATE PATIENTS of both sexes, of the UPPER and MIDDLE CLASSES, at moderate rates of payment. It is beautifully situated in its own grounds, on an eminence a short distance from Nottingham, and commands an extensive view of the surrounding country; and from its singularly healthy position and comfortable arrangements affords every facility for the relief and cure of those mentally afflicted. Voluntary and Temporary Patients received. Occupational Therapy. For terms, &c., apply to the Medical Superintendent.

Telephone: 64117 Nottingham.

# CHISWICK HOUSE,
**PINNER, MIDDLESEX.**
Telephone: PINNER 234.

A Private Hospital for the Treatment and Care of Mental and Nervous Illnesses in both Sexes.

A modern country house, 12 miles from Marble Arch, in attractive and secluded surroundings. Fees from 10 guineas per week inclusive. Cases under Certificate, Voluntary and Temporary Patients received for treatment.

DOUGLAS MACAULAY, M.D., D.P.M.

# STRETTON HOUSE,
**Church Stretton, Shropshire.**
ESTABLISHED IN 1853.

A PRIVATE HOME for the treatment of gentlemen suffering from Mental and Nervous illness, including the allied Disorders of Alcoholism and the Drug Habit. All types of early Mental and Nervous Cases are received without Certificates as Voluntary Patients under the provisions of the Mental Treatment Act, 1930. Bracing hill country. See "Medical Directory," p. 2358.—Apply to the Medical Superintendent. 'Phone 10 P.O., Church Stretton.

# SPRINGFIELD HOUSE
'Phone: BEDFORD 3417. **Near BEDFORD**
**For Mental Cases with or without Certificates.**

*Ordinary Terms: Five Guineas per week (including Separate Bedrooms for all suitable cases without extra charge).*

For forms of admission, &c., apply to the Resident Physician, CEDRIC W. BOWER.

INTERVIEWS IN LONDON BY APPOINTMENT.

# HEIGHAM HALL, NORWICH

PRIVATE MENTAL HOME for Nervous and Mental illness. All forms of treatment available. Fees from 4 gns. per week upwards according to requirements. Vacancies occasionally exist at reduced fees on the recommendation of the patient's own physician.

Apply to Dr. J. A. SMALL. Telephone: Norwich 80.

# FENSTANTON, at "FIVE DIAMONDS," Chalfont St. Giles, Bucks.

A Private Home for the Care and Treatment of a limited number of LADIES with Mental and Nervous Disorders. Certified, Voluntary, and Temporary Patients received. Mansion with 12 acres of ground. (*See Medical Directory, p. 2346.*) Apply Resident Physician. Telephone: Little Chalfont 2046. Station: Chalfont and Latimer.

# THE GROVE HOUSE,
**CHURCH STRETTON, SHROPSHIRE.**

Private Home for Ladies mentally ill. Voluntary and Temporary Patients received.

Medical Superintendent: Dr. J. A. MCCLINTOCK

# CITY OF LONDON MENTAL HOSPITAL
**Near DARTFORD, KENT.**

Ladies and Gentlemen received for treatment under certificates, and without certificates as either VOLUNTARY or TEMPORARY PATIENTS, at a weekly fee of £2 9s., and upwards.

# Examining Surgeons:
FACTORIES ACT, 1937.

The following appointments as EXAMINING SURGEONS under the Factories Act, 1937, are vacant.

Applications should be sent to the Chief Inspector of Factories, Cleland House, Page-street, S.W.1.

| *District.* | *County.* | *Latest Date for Receipt of Applications.* |
|---|---|---|
| LOANHEAD .. | MIDLOTHIAN .. | 11th March, 1941. |
| LEOMINSTER .. | HEREFORD .. | 11th March, 1941. |

# Examining Surgeon:
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The following appointment as EXAMINING SURGEON under the Factories Act, 1937, is vacant.

Applications should be sent to the Chief Inspector of Factories, Cleland House, Page-street, S.W.1.

| *District* | *County.* | *Latest Date for Receipt of Applications.* |
|---|---|---|
| STONEY STANTON .. | LEICESTER .. | 11th March, 1941. |

# Royal Free Hospital, Gray's Inn Road, W.C.1.

Applications are invited from registered medical practitioners for the appointment of RESIDENT ANÆSTHETIC REGISTRAR (B1). Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply. If the successful candidate is not remunerated by the Special Medical Service, he or she will be paid by the Hospital at the rate of £150 per annum.

Applications, stating age, and accompanied by copies of three recent testimonials, should be sent to the undersigned (from whom all information may be obtained) on or before the 8th March. Duties to commence 1st April, 1941.

RICHARD T. BARTLEY, Secretary.

# The Princess Beatrice Hospital,
Earl's Court, S.W.5.
(General Hospital. 88 Beds.)

Applications are invited from Male and Female registered medical practitioners, including R practitioners within three months of qualification, for an appointment now vacant for:—

(1) HOUSE SURGEON (A), or
(2) HOUSE PHYSICIAN (A)

If held by an R practitioner the appointment will be limited to six months; otherwise it will be renewable for a further six months. Salary is at the rate of £130 per annum, with full residential and other usual emoluments.

Applications, stating age, qualifications with dates, nationality, post preferred, and accompanied by any available testimonials, should be sent to the undersigned immediately.

JOHN R. GRIFFITH, House Governor.

**UNIVERSITY EXAMINATION POSTAL INSTITUTION**

**17, RED LION SQUARE, LONDON, W.C.1**

Over 50 years' experience

**POSTAL AND ORAL COACHING FOR ALL MEDICAL EXAMINATIONS**

**MEDICAL PROSPECTUS (36 pages),**
sent gratis, along with List of Tutors, &c., on application to the Principal, 17, Red Lion-square, London, W.C.1. (Telephone: HOLborn 6313.)

## The Salvation Army, The Mothers' HOSPITAL, Lower Clapton-road, Clapton, E.5.

Applications are invited from medical Women for the post of SENIOR RESIDENT MEDICAL OFFICER (B2), vacant April 1st, 1941. Salary £150 per annum, with board, residence and laundry.

The appointment is for six or twelve months.

Applications, with testimonials, must be sent to the Secretary not later than Saturday, March 1st, 1941.

FRED HAMMOND, Secretary.

## The Salvation Army, The Mothers' HOSPITAL, Lower Clapton-road, Clapton, E.5.

Applications are invited from medical Women for the post of JUNIOR RESIDENT MEDICAL OFFICER (B2), vacant April 1st, 1941. Salary £80 per annum, with board, residence, and laundry.

The appointment is for six months.

Applications, with testimonials, must be sent to the Secretary not later than Saturday, March 1st, 1941.

FRED HAMMOND, Secretary.

## Miller General Hospital, Greenwich High-road, S.E.10

Applications are invited from registered medical practitioners, Male, for the appointment of Two HOUSE SURGEONS (A), to become vacant on 1st April, 1941, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Salary is at the rate of £100 per annum, plus share of Ministry of Health allowance, and full residential emoluments.

Form of application can be obtained from the undersigned, and must be returned not later than 11th March, 1941.

E. MARK, Secretary.

17th February, 1941.

## Miller General Hospital, Greenwich High-road, S.E.10.

Applications are invited from registered medical practitioners, Male, including R practitioners, who now hold A posts, for the appointment of CASUALTY OFFICER (Part-time—morning session) (B2), to become vacant on 1st April, 1941. Salary is at the rate of £125 per annum, resident; £150, non-resident, plus share of Ministry of Health allowance. If held by an R practitioner, appointment will be limited to six months. Fuller particulars on application.

Form of application can be obtained from the undersigned, and must be returned not later than 11th March, 1941.

E. MARK, Secretary.

17th February, 1941.

## Miller General Hospital, Greenwich High-road, S.E.10.

Applications are invited from registered medical practitioners, Male, for the appointment of Two HOUSE PHYSICIANS (A), to become vacant on 1st April, 1941, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Salary is at the rate of £100 per annum, plus share of Ministry of Health allowance, and full residential emoluments.

Form of application can be obtained from the undersigned, and must be returned not later than 11th March, 1941.

17th February, 1941. E. MARK, Secretary.

## The Royal Waterloo Hospital, Waterloo-road, S.E.1.

Applications are invited from registered medical practitioners (Male) for the appointment of a CASUALTY OFFICER AND HOUSE PHYSICIAN (B2), immediately vacant, including R practitioners who now hold A posts. If held by an R practitioner the appointment will be limited to six months. Otherwise it will be subject to renewal. Salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

J. H. TEASDALE, Secretary.

## London County Council.

TEMPORARY ASSISTANT DISTRICT MEDICAL OFFICERS required for:—

(*a*) AREA VIII, DISTRICT B (part of the Borough of Southwark). Provisional salary £300 a year.

(*b*) AREA VII, DISTRICT C (part of the Borough of Lambeth). Provisional salary £250 a year (including allowance for the use of surgery).

Persons engaged required to carry out duties prescribed by Public Assistance Order, 1930, and to reside in or near district. Remuneration and conditions subject to review.

Vacancy in Area VII exists during the absence on war service of the appointed District Medical Officer.

Application form obtainable (stamped addressed foolscap envelope necessary) from MEDICAL OFFICER OF HEALTH, Staff Division (S.D.6), County Hall, S.E.1, returnable by 10th March.

Canvassing disqualifies.

## National Hospital, Queen Square, W.C.1

RESIDENT MEDICAL OFFICER (B1).

Applications are invited for the post of Resident Medical Officer and should be sent to the undersigned, accompanied by copies of three recent testimonials, immediately. Suitably qualified R practitioners holding B2 or B1 posts may apply. The salary is £150 per annum, with board and lodging.

LIONEL E. L. SPENCER, Acting Secretary.

## Queen Charlotte's Maternity Hospital, Goldhawk-road, Hammersmith, W.6.

Applications are invited from registered medical practitioners (British subjects), including R practitioners who now hold A posts, for the appointment of

ASSISTANT RESIDENT MEDICAL OFFICER (B2)

to commence duties on the 1st April, 1941.

Salary £80 per annum, with full residential emoluments. The Assistant Resident Medical Officer is appointed for three months, and on completion will be expected to apply for the post of Senior Resident Medical Officer (B1), salary £100 per annum, also for three months.

Applications, stating age, qualifications with dates, previous appointments, and accompanied by copies of three recent testimonials, should be sent to the undersigned by the 14th March.

This appointment does not exceed six months.

SEYMOUR LESLIE, Acting Secretary-Superintendent.

## St. John's Hospital, Lewisham, S.E.13.

Applications are invited from medical practitioners for immediate appointment as RESIDENT SURGICAL OFFICER (Male) (B1). Applicants should have held House appointments and had surgical experience. Preference will be given to candidate holding Diploma of F.R.C.S. Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply. Salary £200, plus panel fees for resident female staff, but previous R.S.O.'s having held the M.S. surgical appointment, £550 per annum.

Applications, stating age, nationality, qualifications with dates, experience and details of previous appointments, and accompanied by copies of recent testimonials, should be sent to the undersigned as soon as possible.

J. C. GILBERT, Secretary-Superintendent.

## Royal London Ophthalmic Hospital (MOORFIELDS EYE HOSPITAL), City-road, E.C.1.

Applications are invited for the post of SENIOR RESIDENT OFFICER (B1).

Candidates must be registered medical practitioners and must be prepared to begin duties on the 1st May, 1941. Suitably qualified R practitioners may apply.

Salary is at the rate of £150 per annum, with board and residence in the Hospital.

In the event of the First House Surgeon being appointed, candidates, other than those holding B2 posts, are requested to state whether they would accept the office of the First and Second House Surgeon (B2) (the duties of which are combined during the period of the national emergency) at the rate of £137 10s. per annum, or Third House Surgeon (B2) at the rate of £100 per annum. The candidate elected as Third House Surgeon must be prepared to begin his duties with the present officer on 1st April, 1941, and will be non-resident until 1st May, 1941.

The appointments are for a period of six months as from the 1st May, 1941.

Applications, with testimonials, stating age and qualifications, must be received not later than the 12th March, 1941, by

A. J. M. TARRANT, Secretary.

## Royal Northern Hospital, Holloway, N.7.

Applications are invited from registered medical practitioners (Male) for the appointment of HOUSE SURGEON (B2), to become vacant on March 22nd for a period of six months, including R practitioners who now hold A posts. Salary and emoluments approximately £125 per annum, and board, residence, and laundry.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than March 7th.

GILBERT G. PANTER, Secretary.

# HIS MAJESTY'S COLONIAL SERVICE

## THE COLONIAL MEDICAL SERVICE

## VACANCIES FOR MEDICAL OFFICERS

**The maintenance of an efficient Colonial Medical Service constitutes a vital part of the national war effort and it is most important that the Service should be assured of an adequate supply of doctors.**

**The Secretary of State for the Colonies therefore invites applications from doctors possessing a medical qualification registrable in the United Kingdom who are British subjects and who are under thirty-five years of age.**

**Medical Officers are appointed in the first instance for general service. But there are ample opportunities for work in special branches of medicine and surgery, in public health and in medical research.**

**The normal salary scale is from £600 to between £1,000 and £1,120. There are large numbers of super-scale posts to which promotion is made on merit and which carry higher salaries.**

**Government quarters, in many cases free of rent, and first-class passages to and from the Colonies are provided, and an adequate pension scheme is in force.**

**Selected candidates are normally required to attend a course of instruction in Tropical Medicine and Hygiene either before proceeding overseas or during their first period of leave.**

**Further particulars, including the regulations governing admission to the Colonial Medical Service, may be obtained from the Director of Recruitment (Colonial Service), 29, Queen Anne's-gate, London, S.W.1.**

## The London Homœopathic Hospital.

(Incorporated by Royal Charter),
Great Ormond-street and Queen-square, Bloomsbury, W.C.1.

APPOINTMENT OF HOUSE PHYSICIAN (A).

Applications are invited from registered medical practitioners, Male and Female (including R practitioners within three months of qualification), for the appointment of House Physician (A), to become vacant on April 1st, 1941. The appointment will be for a period of six months. Salary is at the rate of £200 per annum, including grant under medical services, with full residential emoluments.

Selected candidates will be required to attend for interview.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of testimonials, to be sent to the undersigned.

L. J. KNOWLES, Secretary.

## County Borough of West Ham.

CIVIL DEFENCE MEDICAL SERVICES.

APPOINTMENT OF TEMPORARY ASSISTANT MEDICAL OFFICER.

Applications are invited from registered medical practitioners for temporary appointment as Assistant Medical Officer at an inclusive salary of £600 per annum. The successful candidate will occupy the position, subject to satisfactory service, during the pleasure of the Council for such a period as may be determined by the requirements of the Civil Defence Services.

The officer appointed will be required to devote the whole of his time under the direction of the Medical Officer for Civil Defence to the duties of his office, which will consist of day and night inspection of public shelters in the Borough, and of such other medical services as the Council's Civil Defence (Emergency) Committee may require of him.

The appointment is subject to one month's notice on either side, and does not confer any rights under the Council's Superannuation Acts.

Applications, together with copies of three testimonials, must reach this office not later than 12 NOON on Wednesday, 12th March, 1941.

E. E. KING, Civil Defence Controller.
A.R.P. Offices, 383–387, High-street, Stratford, E.15.
24th February, 1941.

## Resident Assistant Medical Officer (B1)

for surgical duties required by HILLINGDON COUNTY HOSPITAL. Applicants must be registered medical practitioners (including suitably qualified R practitioners holding B2 or B1 posts) who have held resident appointments in general hospitals and had operating experience. Salary £400 by £25 to £475 per annum. Board, lodging, and laundry. Whole-time duties, such as Council may direct, under supervision of Medical Superintendent. Appointment is for four years only, subject to medical examination and one month's notice.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments to the undersigned. No application forms provided. Relationship to any member or officer of the Council to be disclosed in the application. Copies of not more than three recent testimonials to be enclosed. Canvassing, directly or indirectly, will disqualify. Closing date 8th March, 1941.

C. W. RADCLIFFE, "B3," Clerk of the County Council.
Middlesex County Council, Guildhall, Westminster, S.W.1.

## Blackburn Royal Infirmary.

(244 Beds—5 Residents.)

APPOINTMENT OF A HOUSE SURGEON (A).

Applications are invited from registered medical practitioners, Male, for the appointment of a House Surgeon (A), to become vacant on April 1st, including R practitioners within three months of qualification. If held by an R practitioner appointment will be limited to six months. Salary is at the rate of £175 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

T. DEWHURST, General Superintendent and Secretary.

## Resident House Officers (A) required

by MIDDLESEX COUNTY COUNCIL—
(1) HOUSE PHYSICIAN.
(2) HOUSE SURGEON for CLARE HALL HOSPITAL.

Applicants must be registered medical practitioners, including R practitioners within three months of qualification. Salary £200 per annum. Board, lodging, and laundry. Appointment is for six months, subject to medical examination and one month's notice. Whole-time duties such as Council may direct under supervision of Medical Superintendent. Post vacant from 1st March, 1941.

Applications, stating age, nationality, qualifications with dates, and details of previous appointment and experience, to the undersigned. No application forms provided. Relationship to any member or officer of the Council to be disclosed in the application. Copies of not more than three recent testimonials to be enclosed. Canvassing, directly or indirectly, will disqualify. Closing date 8th March, 1941.

C. W. RADCLIFFE, "B3," Clerk of the County Council.
Guildhall, Westminster, S.W.1.

## Cumberland Infirmary.

(200 Beds.)

Applications are invited from single registered medical practitioners (including R practitioners within three months of qualification, when the appointment will be limited to six months) for the following resident posts to become vacant on the 1st April next:—

HOUSE PHYSICIAN (A) (Male).
One or two HOUSE SURGEONS (A) (Male).
HOUSE SURGEON to the EYE and E.N.T. DEPARTMENTS (A) (Male).

Salary is at the rate of £160 per annum, with board, &c.

Applications, stating age, qualifications, experience, and present post, and whether free on the above date, together with copies of not more than three testimonials, must reach the SECRETARY-SUPERINTENDENT by first post on the 8th March, 1941.

Carlisle, 24th February, 1941.

## Clayton Hospital, Wakefield.

APPOINTMENT OF HOUSE SURGEON (A).

Applications are invited from registered medical practitioners (Male) for the appointment of a House Surgeon (A), to become vacant on the 7th March, including R practitioners within three months of qualification, when the appointment will be limited to six months.

Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

T. F. W. MACKEOWN, Secretary-Superintendent.

## Royal Northern Infirmary, Inverness.

Applications are invited from registered medical practitioners (Male), including R practitioners within three months of qualification, for appointment as HOUSE SURGEON (A post), for vacancy on March 31st. Appointment is for six months, salary at the rate of £100 per annum, with board, lodging, and laundry. Work will include general surgery and gynæcology.

## Liverpool and District Hospital for

DISEASES OF THE HEART,
34, Oxford-street, LIVERPOOL, 7.

Applications are invited from registered medical practitioners (Male and Female), including R practitioners within three months of qualification, for the appointment of a HOUSE PHYSICIAN (A), to commence April 1st. If held by an R practitioner appointment will be for a period of six months. Salary is at the rate of £100 per annum, with full residential emoluments. Facilities for M.D. thesis.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

Miss J. LEWIS, Secretary.

## City of Plymouth.

THE CITY ISOLATION HOSPITAL,
Beacon Park-road, PLYMOUTH.

ASSISTANT RESIDENT MEDICAL OFFICER.

Applications are invited from registered medical practitioners (unmarried, Male) for the post of Assistant Resident Medical Officer (B1) at the City Isolation Hospital, Plymouth. The appointment is for a period of six months, mutually renewable for a further similar period, terminable by one month's notice on either side.

The appointed candidate will work under the supervision of the Medical Superintendent, and will devote the whole of his time to official duties, which will consist mainly of work in the hospital and assisting at certain venereal disease clinics. In addition to the above he will be required to perform any other duties allotted to him from time to time by the Medical Officer of Health.

Applicants should have held house appointments. Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply. Salary is at the rate of £300 per annum, with full residential emoluments. The officer will be required to refund to the Council all fees, allowances, and emoluments, other than the foregoing, received by him. The successful candidate will be required to pass a medical examination.

Applications, stating age, qualifications, and experience, together with copies of not more than three recent testimonials, must be forwarded forthwith to the undersigned.

T. PEIRSON, Medical Officer of Health.

Town Hall, Stonehouse, Plymouth.

## Salop County Council.

TEMPORARY ASSISTANT MEDICAL OFFICER OF HEALTH AND ASSISTANT SCHOOL MEDICAL OFFICER.

Applications for the above post are invited from duly registered medical practitioners who possess a recognised qualification in Public Health and have had at least three years' experience in the practice of their profession.

The duties of Assistant Medical Officer will include medical inspection of school-children, maternity and child welfare work, and attendance at associated clinics. The salary will be at the rate of £600 per annum, rising by annual increments of £25 to £700 (together with a travelling allowance in accordance with the County Scale).

The appointment will be determinable by one month's notice on either side and the whole time of the officer appointed must be devoted to the performance of the duties assigned by the County Medical Officer.

Applications, accompained by a copy of three recent testimonials, should be submitted not later than March 8th, 1941, to the County Medical Officer, County Health Offices, Shrewsbury, from whom the necessary forms and conditions of service can be obtained.

W. L. EDGE, Clerk of the Council.

Shirehall, Shrewsbury, February, 1941.

## Hull Royal Infirmary.

Applications are invited from registered medical practitioners (Male), including R practitioners within three months of qualification, for the post of CASUALTY OFFICER (A) vacant now.

Applications are also invited for the post of HOUSE PHYSICIAN (B2), vacant February 28th. The post is recognised for the M.D. (London) examination.

If either of the above posts is held by an R practitioner, the appointment will be limited to six months.

The salary for each post is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of recent testimonials, should be sent to the undersigned.

R. J. CARLESS, House Governor.

## Oldham Royal Infirmary.

(186 Beds.)

APPOINTMENT OF HOUSE PHYSICIAN AND ASSISTANT CASUALTY OFFICER (A).

Applications are invited from registered medical practitioners, Male and Female, for the combined post of House Physician and Assistant Casualty Officer (A), including R practitioners within three months of qualification.

If held by an R practitioner, appointment will be for a period of six months.

Salary is at the rate of £175 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than the 6th March, 1941.

F. W. BARNETT, General Superintendent and Secretary.

## Leigh Infirmary, Lancs.

Applications are invited from Male registered medical practitioners, for the appointment of HOUSE SURGEON (A), to become vacant on the 1st April, including R practitioners within three months of qualification. If held by an R practitioner, the appointment will be for a period of six months. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than 17th March, 1941.

B. R. CARTER, Secretary-Superintendent.

## North Riding Infirmary, Middlesbrough

(General Hospital—143 Beds—Three Residents.)

Applications are invited from registered medical practitioners, including R practitioners within three months of qualification, for the appointment of CASUALTY HOUSE SURGEON (A) which is now vacant. Salary £150 per annum, with board, residence, and laundry. Appointment will be for six months.

Applications, stating age, qualifications, and accompanied by copies of recent testimonials, should be sent to the undersigned forthwith.

GERALD A. KENYON, Secretary-Superintendent.

## North Riding Infirmary,

MIDDLESBROUGH.

(General Hospital: 143 Beds—Three Residents.)

Applications are invited from qualified medical practitioners (including R practitioners within three months of qualification) for the appointment of HOUSE SURGEON (A), which will become vacant on the 1st March, 1941. Salary £170 per annum, with board, residence, and laundry. If held by an R practitioner, appointment will be for a period of six months.

Applications, stating age, qualifications, and accompanied by copies of recent testimonials, should be sent to the undersigned forthwith.

GERALD A. KENYON, Secretary-Superintendent.

## Royal Cornwall Infirmary, Truro.

(185 Beds.—Three Residents.)

Applications are invited from registered medical practitioners, Male and Female, for the appointment of a HOUSE PHYSICIAN (B2), in charge of the MEDICAL, EYE, EAR, NOSE, AND THROAT DEPARTMENT, including R practitioners who hold A posts and who have not completed a five months' tenure of those posts. If held by an R practitioner the appointment will be limited to six months. The salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

W. E. GRENFELL, Hon. Secretary.

## Royal Cornwall Infirmary, Truro.

(185 Beds.—Three Residents.)

Applications are invited from registered medical practitioners, Male and Female, for the appointment of a HOUSE SURGEON (B2), in charge of the ORTHOPÆDIC AND FRACTURE AND CASUALTY DEPARTMENT, including R practitioners who hold A posts and who have not completed a five months' tenure of those posts. If held by an R practitioner the appointment will be limited to six months. The salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

W. E. GRENFELL, Hon. Secretary.

## Royal Sussex County Hospital,

BRIGHTON. (375 Beds.)

APPOINTMENT OF A CASUALTY HOUSE SURGEON (A).

Applications are invited from registered medical practitioners (Male), including R practitioners within three months of qualification, for the appointment of a House Surgeon (A), to become vacant about 1st March, 1941. If held by an R practitioner, appointment will be for a period of six months. Otherwise it will be for a period of at least six months. Salary is at the rate of £120 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent as soon as possible to the undersigned.

L. L. W. LANCASTER-GAYE, Secretary-Superintendent.

## Royal Sussex County Hospital,

BRIGHTON. (375 Beds.)

APPOINTMENT OF A HOUSE SURGEON (A).

Applications are invited from registered medical practitioners (Male), including R practitioners within three months of qualification, for the appointment of a House Surgeon (A) to become vacant about 22nd March, 1941. If held by an R practitioner, appointment will be for a period of six months; otherwise it will be for a period of at least six months. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent as soon as possible to the undersigned.

L. L. W. LANCASTER-GAYE, Secretary-Superintendent.

## The St. Helens Hospital, St. Helens,

LANCS.

APPOINTMENT OF A HOUSE SURGEON (A).

Applications are invited from registered medical practitioners Male, for the appointment of a House Surgeon (A), to become vacant on 1st March, 1941, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be limited to six months. Otherwise it will be for a period of at least six months. Salary £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

GEO. HARPER, Secretary.

## City of Portsmouth.

TEMPORARY ASSISTANT MEDICAL OFFICER OF HEALTH FOR A.R.P. CASUALTY SERVICES AND PUBLIC HEALTH DEPARTMENT.

Applications are invited for the appointment (temporary) of an Assistant Medical Officer of Health (Male) for duties in connexion with the Casualty Services Section of the A.R.P. Scheme and the Public Health Department of Portsmouth. The officer appointed will be required to assist the Medical Officer of Health in the organisation of the Casualty Services and to carry out such other general Public Health duties as the Medical Officer of Health may direct. Preference will be given to candidates with previous experience of Air-raid Precautions work and to those who hold the Diploma in Public Health.

The salary will be at the rate of £600 per annum (non-resident); or, at the choice of the officer appointed, £600 per annum with a deduction of £125 per annum for residential emoluments in respect of accommodation at one of the Municipal Hospitals.

The appointment will be terminable, at any time, by one month's notice on either side.

Forms of application may be obtained from and must be returned to the Medical Officer of Health, Royal Beach Hotel, Portsmouth, not later than 7th March, 1941, together with three copies of recent testimonials.

Canvassing, either directly or indirectly, will be deemed a disqualification.

F. J. SPARKS, Town Clerk.

## North Wales Counties Mental Hospital, DENBIGH.

DEPUTY MEDICAL SUPERINTENDENT.

Applications are invited from registered medical practitioners for the post of Deputy Medical Superintendent at the above Hospital.

The salary will be £650 per annum, rising by annual increments of £25 to a maximum of £750 per annum (£50 included for Diploma of Psychological Medicine), plus emoluments consisting of house (free of rates), light, and fuel, valued for superannuation purposes at £100 per annum.

The appointment is subject to the Asylums Officers Superannuation Act, 1909, and is subject to one month's notice on either side.

Practical experience in the modern treatment of mental illness is essential and the candidate should possess the Diploma of Psychological Medicine.

Applications, stating age, qualifications, experience, whether married or single, nationality, and all other relevant particulars, accompanied by three recent testimonials, are to be sent, addressed to the Chairman of the Visiting Committee, endorsed "Deputy Medical Superintendent," not later than Friday, 7th March, 1941.

S. L. FROST, Clerk to the Visiting Committee.

17th February, 1941.

## County Borough of Newport.

PUBLIC ASSISTANCE COMMITTEE.

TEMPORARY SENIOR HOUSE SURGEON (B1).

Applications are invited from registered medical practitioners (Male) for the above appointment under the Hospital Scheme at Wooloston House Hospital (A1 Casualty Hospital). Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply. Salary £350 per annum, plus the usual residential emoluments. All fees, with the exception of Coroner's Fees, are payable to the Public Assistance Committee. Appointment terminable by one month's notice on either side.

Applications, stating age, qualifications, and experience, and accompanied by copies of three recent testimonials, to be sent to the Public Assistance Officer, Town Hall, Newport, at once.

S. M. T. BURPITT, Town Clerk.

Town Hall, Newport, Mon, 18th February, 1941.

## City of Birmingham.

MATERNITY AND CHILD WELFARE DEPARTMENT.

TEMPORARY MEDICAL OFFICER.

Applications are invited for a temporary Woman Medical Officer.

The work includes attendance at antenatal and children's clinics.

Applicants should have had considerable experience in work with mothers and children, including a six months' resident post in a Maternity Hospital and in a Children's Hospital. Salary offered is £10 per week.

Applications, endorsed "Temporary Medical Officer for Maternity and Child Welfare," and accompanied by copies of three recent testimonials, to be made on a form obtainable from the MEDICAL OFFICER OF HEALTH, Council House, Birmingham, 3, and returned to him on or before 5th March, 1941.

## Taunton and Somerset Hospital, TAUNTON

HOUSE PHYSICIAN (A).

Applications are invited from registered medical practitioners, Male and Female, for the appointment of a House Physician (A), R practitioners within three months of qualification may apply. Appointment will be for a period of six months. Salary at rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of testimonials, to be sent to F. J. J. STACEY, Secretary.

## County Borough of St. Helens.

ASSISTANT MEDICAL OFFICER OF HEALTH.

Applications are invited for the post of additional Assistant Medical Officer of Health (Male or Female).

The duties will normally be in connexion with the School Medical Service, but may include other duties on the staff of the Health Department, at the discretion of the Medical Officer of Health.

Candidates should have special experience in the diseases of children or experience in School Medical Inspection and the possession of a diploma in Public Health is desirable, but not essential.

The salary will be at the rate of £500 per annum, rising by annual increments of £25 to a maximum of £700 per annum, plus travelling expenses, or in lieu, a motor-car allowance, at present at the rate of £50 per annum. The salary is at present subject to a temporary war cost of living bonus at the rate of 6 % on the first £300 and 3 % on the next £200.

In the case of a candidate now in the service of another Authority on a rising scale, recognition may be given to past service with such Authority in fixing the commencing salary.

The appointment will be subject to the provisions of the Local Government Superannuation Act, 1937, and the successful candidate will be required to pass a medical examination.

Forms of application may be obtained from the Medical Officer of Health, Town Hall, St. Helens, and completed applications, accompanied by copies of not more than three recent testimonials, should reach him not later than the 7th March, 1941.

Canvassing members of the Council or Committees of the Corporation will be a disqualification.

FRANK HAUXWELL, Medical Officer of Health.

Town Hall, St. Helens, 17th February, 1941.

## Rochdale Infirmary and Dispensary, LANCS. (110 Beds.)

APPOINTMENT OF HOUSE PHYSICIAN (A).

The Board of Management invites applications for the appointment of House Physician (A appointment) now vacant, including R practitioners within three months of qualification. If held by R practitioner, appointment will be for a period of six months. The duties include work in the Out-patient, Aural, Ophthalmic, &c. Departments as well as in the wards. The Hospital covers a large industrial area, and affords excellent opportunity for experience.

Salary attached to the appointment is at the rate of £150 per annum, including board, residence, and laundry.

The successful candidate will be required to be a member of a medical defence society.

Applications, stating age, nationality, &c., together with copies of three recent testimonials, to be sent to the Secretary.

W. WYNNE, Secretary.

Infirmary Office, Rochdale.

## Rochdale Infirmary and Dispensary, LANCS. (110 Beds.)

APPOINTMENT OF SENIOR HOUSE SURGEON (B2).

Applications are invited from registered medical practitioners, including R practitioners who now hold A posts, for the appointment of Senior House Surgeon (B2 appointment).

If held by an R practitioner, appointment will be limited to six months.

The salary attached to the appointment is at the rate of £200 per annum, with board, residence, laundry, &c.

Applications, stating age, qualifications, and nationality, accompanied by copies of three recent testimonials, to be sent to the undersigned immediately.

The successful candidate must be a member of a medical defence society.

W. WYNNE, Secretary.

Infirmary Office, Rochdale.

## Rochdale Infirmary and Dispensary, LANCS. (110 Beds.)

APPOINTMENT OF SECOND HOUSE SURGEON (A).

The Board of Management invites applications for the appointment of Second House Surgeon (A appointment) now vacant, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months.

Salary attached to the appointment is at the rate of £150 per annum, including board, residence, and laundry.

Applications, stating age, nationality, &c., together with copies of three recent testimonials, to be sent to the Secretary.

The successful candidate must be a member of a medical defence society.

W. WYNNE, Secretary.

Infirmary Office, Rochdale.

## The Guest Hospital, Dudley.

(The Resident Staff consists of a Resident Surgical Officer and Three House Surgeons.)

Applications are invited from registered medical practitioners, Male, for the appointment of HOUSE SURGEON (A) now vacant, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Salary at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned forthwith.

H. RAYMOND HURST, House Governor and Secretary.

15th February, 1941.

## Borough of Wallsend.

APPOINTMENT OF ASSISTANT MEDICAL OFFICER OF HEALTH AND ASSISTANT SCHOOL MEDICAL OFFICER.

Applications are invited from fully qualified registered medical practitioners, not exceeding 40 years of age, for the above post. Salary £500 per annum rising by annual increments of £25 to £700 per annum, plus the prevailing cost of living bonus. In fixing the amount of commencing salary previous experience may be taken into account.

The duties of the post are those in connexion with the Public Health Department, Maternity and Child Welfare, School Medical Service, and such other duties as may be directed by the Medical Officer of Health. Applicants must possess the diploma in Public Health or an equivalent qualification, and also be able to do refraction work. The applicant appointed will be required to devote his whole time to the duties of the post and will not be allowed to engage in private or other practice, also to reside in the Borough.

The appointment will be subject to the approval of the Ministry of Health and the Board of Education; to the successful candidate passing a medical examination; to the provision of the Local Government Superannuation Act, 1937; and will be terminable on either side by three months' notice.

Forms of application to be received by me not later than the first post on the 15th March, 1941, accompanied by copies of three recent testimonials. Forms may be obtained, on receipt of a stamped addressed envelope, from the undersigned.

CHAS. E. BRADBURY, Town Clerk.

Town Hall, Wallsend-on-Tyne, 18th February, 1941.

## Borough of Wallsend.

APPOINTMENT OF DENTAL SURGEON.

Applications are invited from fully qualified registered Dental Surgeons not exceeding 40 years of age for the above post. Salary £500 per annum rising by annual increments of £25 to £600 per annum, plus the prevailing cost of living bonus.

The duties of the post are those in connexion with the School and the Maternity and Child Welfare Services and such other duties as may be directed by the Medical Officer of Health.

The successful candidate will be required to devote his whole time to the duties of the post and will not be allowed to engage in private or other practice, also to reside in the Borough.

The appointment will be subject to the approval of the Ministry of Health and the Board of Education; to the successful candidate passing a medical examination; to the provision of the Local Government Superannuation Act, 1937; and will be terminable on either side by three months' notice.

Forms of application to be received by me not later than the first post on the 15th March, 1941, accompanied by copies of three recent testimonials. Forms may be obtained, on receipt of a stamped addressed envelope, from the undersigned.

CHAS. E. BRADBURY, Town Clerk.

Town Hall, Wallsend-on-Tyne, 18th February, 1941.

## Hull Corporation Health Department.

ASSISTANT MEDICAL OFFICER OF HEALTH.

Applications are invited from duly qualified medical Men under forty years of age, and of not less than three years' standing in their profession, for the above post.

Preference given to candidates possessing the Diploma in Public Health or equivalent qualification.

Salary £600 per annum, rising by annual increments of £25 to £700 per annum.

Duties consist mainly of work in the School Medical Department.

Experience in refraction work essential. Preference given to applicants who are Certifying Officers for the examination of Mentally Defective Children.

Application forms may be obtained from the MEDICAL OFFICER OF HEALTH, Guildhall, Hull, to whom they should be returned not later than 10 A.M. on Monday, the 10th March, 1941.

## Hull Corporation Health Department.

ANLABY-ROAD HOSPITAL.

TEMPORARY ASSISTANT MEDICAL OFFICER (B1).

Applications are invited for the above temporary appointment from registered medical practitioners, of either sex, who must be under the age of forty years. Salary £350 per annum, rising by annual increments of £25 to £450 per annum, together with an allowance at the rate of £150 per annum in respect of board and residence outside the hospital. R practitioners holding B2 or B1 appointments are invited to apply.

The hospital forms part of the M.S. Scheme as a Clearing Hospital.

Forms of application, &c., may be obtained from, and returned duly completed to, the MEDICAL OFFICER OF HEALTH, Guildhall, Hull, not later than 10 A.M. on Monday, the 10th March, 1941.

## Nottingham and Midland Eye Infirmary.

Applications are invited from registered medical practitioners, Male and Female, for the post of RESIDENT HOUSE SURGEON (B2) at once, including R practitioners who now hold A posts. If held by an R practitioner the appointment will be limited to six months. Salary £200 per annum, with full residential emoluments. 53 Beds. Large out-patient department Post recognised D.O.M.S.

Applications, stating age, qualifications, and nationality, with copies of three recent testimonials, to the undersigned forthwith.

T. RUSSELL MOORE, Secretary.

The Ropewalk, Nottingham.

## General Hospital, Nottingham.

(501 Beds.)

Applications are invited from registered medical practitioners (Male and Female), including R practitioners within three months of qualification, for the appointment of RESIDENT CASUALTY OFFICER (A) for the above Hospital—duties to commence as soon as possible. The appointment is for six months. Salary at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and copies of testimonials, should be sent to the undersigned.

HENRY M. STANLEY, House Governor and Secretary.

## General Hospital, Nottingham.

(501 Beds.)

Applications are invited from registered medical practitioners (Male or Female), including R practitioners within three months of qualification, for the appointment of a HOUSE PHYSICIAN (A) for the above Hospital, duties to commence on or about April 13th. The appointment is for six months. Salary at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and copies of testimonials, should be sent to the undersigned

HENRY M. STANLEY, House Governor and Secretary.

## Royal Berkshire Hospital, Reading.

Applications are invited from registered medical practitioners (Male) for the following appointments which fall vacant on March 1st, 1941:—

HOUSE SURGEON (A);

HOUSE SURGEON to the OBSTETRIC and GYNÆCOLOGICAL DEPARTMENTS (A);

including R practitioners within three months of qualification. Both appointments are for six months. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, to be sent to the undersigned immediately.

H. E. RYAN, Secretary and House Governor.

## Royal Berkshire Hospital, Reading.

Applications are invited from registered medical practitioners (Male) for the appointment of HOUSE SURGEON (A) to the SPECIAL DEPARTMENTS (Ear, Nose, Throat and Eye), to become vacant immediately, including R practitioners within three months of qualification.

The appointment is for six months.

Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

H. E. RYAN, Secretary and House Governor.

## Pontefract General Infirmary and

THE HYDES HOSPITAL.

(112 Beds.)

HOUSE SURGEON (A).

Applications are invited from registered medical practitioners, Male, for the appointment of a House Surgeon (A), to become vacant immediately, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Salary £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

D. J. RICHARDS, Secretary-Superintendent.

## Exeter City Hospital M.S.

APPOINTMENT OF HOUSE SURGEON (A).

Applications are invited from registered medical practitioners (Male) for the appointment of House Surgeon (A) to become vacant on 1st February, 1941, including R practitioners within three months of qualification. The appointment will be limited to six months. Salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned forthwith.

G. B. PAGE, Medical Officer of Health.

5, Southernhay West, Exeter, 16th December, 1940.

## Royal Sheffield Infirmary and Hospital.

THE ROYAL INFIRMARY, SHEFFIELD, 6.

Applications are invited from registered medical practitioners (Male and Female) for the following appointments:—

HOUSE SURGEON (A)
HOUSE PHYSICIAN (A)

now vacant, including R practitioners within three months of qualifications. The appointments will be tenable for six months. Salary is at the rate of £80 per annum, with full residential emoluments.

Applications, stating age, qualifications, with dates and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned forthwith.

H. KINGSLEY PEARCE,
General Superintendent and Secretary.

4th February, 1941.

## City of Liverpool.

MILL ROAD INFIRMARY (762 Beds).

APPOINTMENT OF RESIDENT ASSISTANT MEDICAL OFFICERS (B2).

Applications are invited from registered medical practitioners (Male and Female), including R practitioners who now hold A posts, for the appointments of Resident Assistant Medical Officers (B2) at Mill-road Infirmary. (One of the appointments will be for the Maternity Department, 55 Beds).

If held by R practitioners, the appointments will be limited to six months, otherwise they will be for a period of twelve months.

The salary is at the rate of £200 per annum, with full residential allowances. All fees received in connexion with the appointments to be handed over to the City Council. The appointments will be made in accordance with the Standing Orders of the City Council and will be determinable by one month's notice on either side.

Applications, upon forms obtainable from the Medical Officer of Health, Hospitals Department, Gordon House, Belmont-grove, Liverpool, 6, to be endorsed "Resident Assistant Medical Officer" and returned to the undersigned so as to be received not later than 10 A.M. on Monday, 10th March, 1941.

W. H. BAINES, Town Clerk.

Municipal Buildings, Dale-street, Liverpool, 2.
February, 1941.

## Kent Education Committee.

SCHOOL MEDICAL SERVICE.

DENTAL SURGEON.

Applications are invited from qualified candidates for the post of temporary Dental Surgeon.

The successful candidate will be required to devote his whole time to the duties (which include the treatment of school children, children under school age and expectant and nursing mothers), and will work under the supervision of the School Medical Officer. He will be expected to reside in the area allocated to him.

Salary at the rate of £500 a year (subject to deduction of superannuation contributions), together with travelling and subsistence allowances.

Applications, stating age and full qualifications, accompanied by copies of three recent testimonials, must be forwarded to the undersigned not later than 15th March, 1941.

No form of application will be issued. Canvassing is a disqualification.

CONSTANT PONDER, M.D., School Medical Officer.

County Hall, Maidstone.

## The West Riding of Yorkshire

HOSPITALS BOARD.

HIGHROYDS HOSPITAL.
WHARNCLIFFE HOSPITAL.
PINDER FIELDS HOSPITAL.

APPOINTMENT OF HOUSE PHYSICIAN (A).

Applications are invited from registered medical practitioners for the appointment of House Physician (A), now vacant, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months, otherwise it will probably be for a period of twelve months or more.

Salary is at the rate of £200 per annum, with full residential allowances.

Applications, stating age and qualifications, with dates, and nationality, together with the names and addresses of two persons to whom reference may be made, to be forwarded to the undersigned not later than the 10th March, 1941.

There is no printed form of application.

G. L. BANNER, Clerk of the Board.

Board Offices, Victoria Chambers, Wood-street, Wakefield, (P.O. Box No. 28). February, 1941.

## Lancashire County Council.

COUNTY HOSPITAL, WHISTON, Near PRESCOT.

APPOINTMENT OF RESIDENT MEDICAL OFFICER (B1).

Applications are invited from registered medical practitioners for the appointment of Resident Medical Officer at the above Hospital. Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply. The Hospital is a general hospital dealing with acute work and comprising 800 beds.

Applicants must have held previous hospital appointments in which they have gained experience in clinical medicine and pathology, and they should hold one of the higher medical qualifications.

The salary is at the rate of £400 per annum, together with the usual residential emoluments. The appointment is for a period of one year in the first instance, but may be renewed for a further period of one year.

The successful applicant for the above appointment will be required to pass a medical examination and to contribute under the Local Government Superannuation Act, 1937. The person appointed will be required to take up duty as early as possible.

Forms of application may be obtained from the County Medical Officer of Health, Hospital and Medical Department, County Offices, Preston, to whom all applications must be returned not later than Monday, 24th March, 1941.

GEORGE ETHERTON, Clerk of the County Council.

County Offices, Preston, 24th February, 1941.



## County of Kent.

ROYAL VICTORIA HOSPITAL, FOLKESTONE.

RESIDENT MEDICAL OFFICER.

Applications are invited from registered medical practitioners for the appointment of a Resident Medical Officer (B2), which will shortly become vacant and which is tenable for one year. Applicants should have held house appointments and had surgical experience, and may include R practitioners who hold A posts.

The salary is at the rate of £250 a year, with full residential emoluments.

Applications, stating age, qualifications, and experience, should be sent to the County Medical Officer, County Hall, Maidstone, not later than 10th March, 1941.

Satisfactory references will be required before appointment.

W. L. PLATTS, Clerk of the County Council.

County Hall, Maidstone, 20th February, 1941.

## North Staffordshire Royal Infirmary,

STOKE-ON-TRENT.

Applications are invited from registered medical practitioners, including R practitioners who now hold A posts, for the post of ORTHOPÆDIC HOUSE SURGEON (B2). Previous orthopædic experience is desirable for this post, which is tenable for six months. The Orthopædic Department serves one of the largest fracture clinics in the country and offers exceptional experience.

Salary is at the rate of £150–£200 per annum, according to experience, with board, residence and laundry.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

THORNBURROW GIBSON, Secretary and House Governor.

## Grimsby and District Hospital.

APPOINTMENT OF RESIDENT SURGICAL OFFICER (B1).

Applications are invited from registered medical practitioners for the appointment of Resident Surgical Officer. Applicants should have held house appointments and had surgical experience. Suitably qualified R practitioners holding B2 or B1 posts may apply. Preference will be given to candidates holding Diploma of F.R.C.S. Salary is at the rate of £300 per annum.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

H. B. COATES, Secretary-Superintendent.

## Rotherham Hospital.

(210 Beds.)

CASUALTY OFFICER (A).

Applications are invited from registered medical practitioners (Male) for the above appointment, to become vacant on the 1st April, including R practitioners within three months of qualification. If held by an R practitioner the appointment will be for a period of six months. Salary £175 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

T. H. FLETCHER, Secretary-Superintendent.

Rotherham Hospital, Doncaster Gate, Rotherham, Yorks.

## Mansfield and District General

HOSPITAL. (256 Beds.)

Applications are invited from registered medical Male practitioners, including R practitioners within three months of qualification, for the appointment of a HOUSE SURGEON (A). Duties to commence on or after 15th March. If held by an R practitioner the appointment will be limited to six months. Salary at the rate of £159 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by three copies of recent testimonials, should be sent to the undersigned forthwith.

A. ASHWORTH, Secretary.

## Burton-on-Trent General Infirmary.

Applications are invited from registered medical practitioners (Male) for the appointment of CASUALTY OFFICER AND HOUSE PHYSICIAN (A), to commence duty April, including R practitioners within three months of qualification. If held by an R practitioner appointment will be for six months. Salary at the rate of £150 per annum, with usual emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, to be sent to

E. W. THORNLEY, Superintendent and Secretary.

## Royal Eye & Ear Hospital, Bradford

(94 Beds.)

HOUSE SURGEON (A) (Male or Female) wanted for April 1st. R practitioners within three months of qualification may apply. Salary £180 per annum, with board, residence, and laundry. If held by an R practitioner the appointment will be for a period of six months.

Applications, stating age, nationality, with copies of recent testimonials, to be sent to the undersigned.

F. BRIGGS, Secretary-Superintendent.

## Oxford County and City Mental

HOSPITAL, LITTLEMORE, Near OXFORD.

APPOINTMENT OF TEMPORARY JUNIOR MEDICAL OFFICER (B1).

Applications are invited from registered medical practitioners (Male and Female) for the appointment of Temporary Junior Medical Officer. Suitably qualified R practitioners, holding B2 or B1 posts, may apply.

The salary payable will be at the rate of £350 per annum, together with emoluments valued at £100 per annum. Previous Mental Hospital experience is unnecessary, but candidates should have held the position of House Surgeon or House Physician at a General Hospital.

Applications, stating age, qualifications, and experience, and accompanied by copies of not more than two recent testimonials, should be forwarded immediately to the MEDICAL SUPERINTENDENT, Littlemore Hospital, near Oxford.

## Hull Corporation Health Department.

HULL CITY HOSPITAL.

TEMPORARY ASSISTANT RESIDENT MEDICAL OFFICER (A).

Applications are invited from registered medical practitioners, Male and Female, who must be single and not more than forty years of age, for the appointment of Temporary Assistant Resident Medical Officer (A) at the Hull City Hospital for Infectious Diseases, Cottingham, including R practitioners within three months of qualification. If held by an R practitioner, the appointment will be for a period of six months, otherwise it will be for a period of one year.

Salary £250 per annum, together with usual residential emoluments. If the appointment is extended for more than one year, the salary, subject to satisfactory service, will be increased by annual increments of £25 to a maximum of £350 per annum.

Application forms may be obtained from the Medical Officer of Health, Guildhall, Hull, to whom they should be returned not later than 10 A.M. on Monday, the 17th March, 1941.

## Woodend/Oldmill General Hospitals.

Applications are invited from registered medical practitioners for the appointment—now vacant—of a GENERAL SURGICAL OFFICER (B1). Applicants should have held House appointments and have had surgical experience. Preference will be given to candidates holding a higher qualification in surgery. Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply. Salary for post is £350 per annum, rising by annual increments of £25 to £450 per annum, together with board and lodging.

Applications, stating age, nationality, qualifications with dates, and experience, and accompanied by copies of three recent testimonials, should be lodged with the undersigned not later than 13th March, 1941.

HARRY J. RAE, Medical Officer of Health.

4, Albyn-place, Aberdeen, 24th February, 1941.

## Derbyshire Royal Infirmary, Derby.

(General Hospital—416 Beds.)

APPOINTMENT OF HOUSE SURGEON (GENERAL SURGERY) (B2).

Applications are invited from registered medical practitioners for the appointment of House Surgeon (General Surgery) (B2), including R practitioners who hold A posts and who have not completed a five-months' tenure of those posts. If held by an R practitioner, the appointment will be limited to six months. Otherwise it will be for a period of twelve months.

Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

ARTHUR TAYLOR, Superintendent and Secretary.

## Royal South Hants and Southampton

HOSPITAL. (319 Beds.)

Applications are invited from registered medical practitioners, Male and Female, for the appointment of RESIDENT ANÆSTHETIST (B2), including R practitioners who now hold A posts. The appointment will be for a period of six months. Salary at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three testimonials, to be sent to the undersigned as soon as possible.

EDWARD L. WIRGMAN, House Governor and Secretary.

## Preston and County of Lancaster Royal

INFIRMARY.

APPOINTMENT OF HOUSE PHYSICIAN (A).

Applications are invited for the appointment of a House Physician (A)—Male or Female—including R practitioners within three months of qualification. If held by an R practitioner the appointment will be for six months. Salary at the rate of £150 per annum, with full residential emoluments, or according to experience.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

JOHN GIBSON, Superintendent and Secretary.

24th February, 1941.

## The Corbett Hospital, Stourbridge,

WORCS.

Special Departments and Beds (212).

APPOINTMENT OF RESIDENT SURGICAL OFFICER (B1).

Applications are invited from registered medical practitioners for the appointment of Resident Surgical Officer, to become vacant shortly.

Applicants should have held house appointments and had surgical experience. Preference will be given to candidates holding diploma of F.R.C.S. Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply. Salary is at the rate of £300 to £350, according to experience.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent to the undersigned forthwith.

W. G. H. WESTON, Secretary.

## The Corbett Hospital, Stourbridge,

WORCS.

Special Departments and Beds (212).

APPOINTMENT OF HOUSE SURGEON (A).

Applications are invited from registered medical practitioners, Male and Female, for the appointment of House Surgeon (A) which is now vacant, including R practitioners within six months of qualification. The appointment will be made for six months.

Salary is at the rate of £125 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned forthwith.

W. G. H. WESTON, Secretary.

## County Borough of Bolton.

BOROUGH ISOLATION HOSPITAL.

APPOINTMENT OF TEMPORARY RESIDENT ASSISTANT MEDICAL OFFICER.

Applications are invited from registered medical practitioners for the appointment of Temporary Resident Assistant Medical Officer (B1). Suitably qualified R practitioners holding B2 or B1 posts are invited to apply.

The duties will include the medical care of the patients in the Isolation Hospital, assisting in the Male Venereal Diseases Clinics, and such other work as the Medical Officer of Health may direct.

The person appointed will be required to reside at the Isolation Hospital. The salary will be £450, plus bonus, with emoluments valued at £150 per annum. Married quarters are not available. The appointment will be subject to the provisions of the Local Government Superannuation Acts, 1937 and 1939, and to the selected candidate passing a medical examination.

Forms of application, with particulars of the duties, may be obtained from the Medical Officer of Health, Public Health Department, Civic Centre, Bolton, and completed applications, with copies of three recent testimonials, should be sent to the undersigned not later than 19th March, 1941. Canvassing, directly or indirectly, will be a disqualification.

PHILIP S. RENNISON, Town Clerk.

Town Hall, Bolton, 28th February, 1941.

## Royal Devon and Exeter Hospital,

EXETER. (510 Beds.)

APPOINTMENT OF SENIOR HOUSE PHYSICIAN (A), SENIOR HOUSE SURGEON (A).

Applications are invited from registered medical practitioners for the appointment of Senior House Physician (A), also Senior House Surgeon (A), to become vacant towards the end of March, including R practitioners within three months of qualification, when the appointment will be limited to six months.

Salary is at the rate of £160 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than 10th March, 1941.

L. PARKHOUSE, Secretary and Manager.

## Saint Mary's Hospitals,

WHITWORTH PARK, MANCHESTER, 13.

Applications are invited from registered medical practitioners for the appointment of a MATERNITY HOUSE SURGEON (B2). R practitioners holding A posts may apply, when appointment will be limited to six months. Salary at the rate of £50 per annum, with board and residence.

Apply immediately to the undersigned.

A. R. WISE, Superintendent and Secretary.

## Saint Mary's Hospitals,

WHITWORTH PARK, MANCHESTER, 13.

Applications are invited from registered medical practitioners for the appointment of a GYNÆCOLOGICAL HOUSE SURGEON (B2). R practitioners holding A posts may apply, when the appointment will be limited to six months. Salary at the rate of £50 per annum, with board and residence.

Apply immediately to the undersigned.

A. R. WISE, Superintendent and Secretary.

## Surrey County Council.

PUBLIC HEALTH DEPARTMENT.

CUMBERLAND HOUSE HOSPITAL, MITCHAM.
(110 Beds.)

Applications are invited for the position of RESIDENT MEDICAL OFFICER (B1) at the above Hospital, which will act as an annexe to the St. Helier County Hospital. The person appointed will be under the direction of the Medical Superintendent of the St. Helier County Hospital.

Salary will be at the rate of £350 per annum, rising by annual increments of £25 to a maximum of £450 per annum, plus full residential emoluments valued at £125 per annum. Applicants must have held previous resident hospital appointments and should preferably possess a higher qualification. Suitably qualified R practitioners holding B2 or B1 posts may apply. The tenure of the appointment is limited to a period of five years and the post is subject to the Local Government Superannuation Act, 1937.

Applications, giving age, qualifications, and experience, and enclosing copies of three testimonials, should be sent to the County Medical Officer, County Hall, Kingston-upon-Thames, so as to be received not later than Friday, 7th March, 1941.

DUDLEY AUKLAND, Clerk of the Council.

County Hall, Kingston-upon-Thames, 28th February, 1941.

## Surrey County Council.

PUBLIC HEALTH DEPARTMENT.

REDHILL COUNTY HOSPITAL. (160 Beds.)

RESIDENT ASSISTANT MEDICAL OFFICER (B2).

Applicants are invited for the above appointment which will be available for a period of six months, renewable for a further six months (R practitioners who hold A appointments may apply, but if appointed the term of appointment is limited to six months). The salary will be at the rate of £250 per annum, together with full residential emoluments valued at £125 per annum. Applicants should preferably have had previous resident hospital experience.

Applications, stating nationality, age, qualifications, and experience, and enclosing copies of not more than three recent testimonials, should be sent to the Medical Superintendent, Redhill County Hospital, Earlswood Common, Redhill, so as to reach him not later than the 5th March, 1941.

DUDLEY AUKLAND, Clerk of the Council.

County Hall, Kingston-upon-Thames, 28th February, 1941.

## East Suffolk and Ipswich Hospital.

(400 Beds. Eight Residents.)

Applications are invited from registered medical practitioners (Male or Female) for the appointment of CASUALTY OFFICER (A), including R practitioners within three months of qualification. Appointment will be for six months. Salary at the rate of £144 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, to be sent to the undersigned.

ARTHUR GRIFFITHS, Secretary.

The Hospital, Ipswich, 1st March, 1941.

## The Staffordshire General Infirmary,

STAFFORD.

Applications are invited from registered medical practitioners, Male and Female, for the appointment of HOUSE SURGEON (A), to commence duties on the 21st March, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Salary £175 per annum, with board-residence.

Applications, stating age, qualifications, and experience, accompanied by copies of three recent testimonials, should be sent to me forthwith.

A. E. COLLINS, Secretary.

Stafford, 24th February, 1941.

## Huddersfield Royal Infirmary.

(321 Beds.)

Male HOUSE SURGEON (an A appointment) required to be attached to EYE, EAR, NOSE AND THROAT DEPARTMENTS. Duties to commence on 18th March, 1941, and will include the administration of anæsthetics. R practitioners within three months of qualification may apply. Salary £150 per annum, with board, residence, and laundry. Appointment for six months, subject to renewal for a similar period. If held by an R practitioner the appointment will be for a period of six months.

Applications, with copies of three recent testimonials, to be addressed to the undersigned.

H. J. JOHNSON, General Superintendent and Secretary.

## Sutton and Cheam General Hospital,

SUTTON, SURREY.

Applications are invited for the post of HONORARY MEDICAL OFFICER-IN-CHARGE of the ELECTRO-THERAPEUTIC AND MASSAGE DEPARTMENT.

Applicants must be registered medical practitioners with special qualifications and experience in this class of work.

Applications, together with copies of three recent testimonials, should be sent to the SECRETARY not later than Friday, March 14th, 1941.

## Alverstoke Hospital, Gosport, Hants.

(60 Beds.)

APPOINTMENT OF RESIDENT ANÆSTHETIST (B2).

Applications are invited from registered medical practitioners (Male and Female) for the appointment of Resident Anæsthetist (B2) now vacant, including R practitioners who now hold A posts. If held by an R practitioner the appointment will be limited to six months. Otherwise it will be for the duration of the war. The salary is at the rate of £350 per annum. One month's notice on either side.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

H. LESLIE CRONK, County Medical Officer.

The Castle, Winchester.

## Cheltenham General and Eye Hospitals.

(176 Beds—4 Residents.)
Recognised for the F.R.C.S., D.L.O., and D.O.M.S. Examinations.

The Board of Management invite applications for the post of HOUSE SURGEON (Male) (A) at the General Hospital, now vacant, owing to call-up.

Candidates must be of British nationality and fully qualified. R practitioners within three months of qualification, when appointment will be limited to six months.

Salary £150 per annum, with board, lodging, and laundry.

Applications, with copies of testimonials, to be sent in sealed envelopes marked "House Surgeon" to the undersigned as soon as possible.

J. CUMMING SMITH, F.C.I.S., F.H.O.A., Secretary.

The General Hospital, Cheltenham, 25th February, 1941.

## Victoria Hospital, Accrington.

APPOINTMENT OF TWO HOUSE SURGEONS (A).

Applications are invited from registered medical practitioners for appointment of Two House Surgeons (A), including R practitioners within three months of qualifying.

If held by an R practitioner appointment will be for a period of six months.

Salary rate £175 per annum, with full residential emoluments in each case.

Application, stating age, qualifications, and nationality, and accompanied by copies of three recent testimonials, to be sent to the undersigned.

J. KENYON, Financial Secretary.

## The Royal Hospital, Sheffield.

(Teaching Hospital. 422 Beds.)

Applications are invited from registered medical practitioners, Male and Female, including R practitioners within three months of qualification, for the following posts now vacant: ASSISTANT CASUALTY OFFICERS (Two) (A), HOUSE SURGEON (A), and HOUSE SURGEON to the EAR, NOSE, AND THROAT DEPARTMENT (A). If held by an R practitioner, appointment will be for a period of six months. Salary is at the rate of £80 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the SUPERINTENDENT at once.

## The Children's Hospital, Sheffield

(INC.) (157 Beds.)

Applications are invited from registered medical practitioners, Male and Female, for the appointment of HOUSE SURGEON (A), to become vacant on 1st February, 1941, including R practitioners wit. in three months of qualification. Appointment is for a period of six months. Salary at the rate of £100 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

T. H. G. GARTLAND, Superintendent and Secretary.

## Summersdale Hospital,

GRAYLINGWELL, CHICHESTER.

APPOINTMENT OF HOUSE SURGEON AND HOUSE PHYSICIAN (A Posts).

Applications are invited from registered medical practitioners for the above posts (A), including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Otherwise it will be for a period of six months in the first instance. Salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the MEDICAL SUPERINTENDENT as soon as possible.

## Pontypool and District Hospital,

PONTYPOOL. (80 Beds.)

"A" HOUSE APPOINTMENT.

Applications are invited for the post of RESIDENT MEDICAL OFFICER. R practitioners within three months of qualification may apply. Salary £200 per annum, with board, residence, and laundry. The appointment is for six months. Conditions of appointment and particulars of duties can be obtained from the undersigned.

Applications must state age and qualifications.

N. A. BALL, Secretary.

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## City of Birmingham

MATERNITY AND CHILD WELFARE DEPARTMENT.
BABIES' HOSPITAL, CANWELL HALL, NEAR SUTTON COLDFIELD. (84 Beds.)

A RESIDENT MEDICAL OFFICER (A) is required on April 1st for a period of six months. R practitioners within three months of qualification may apply.

The Hospital deals with children under five years of age suffering with acute and chronic medical conditions.

The Resident Medical Officer will also be required to take two child welfare sessions weekly at the Maternity and Child Welfare Centres in the City of Birmingham.

Salary £350 per annum, with board, residence and laundry.

Applications, with copies of three testimonials, to be sent on or before March 12th, to the Medical Officer of Health, The Council House, Congreve Street, Birmingham, 3.

## County Borough of Wolverhampton.

SENIOR ASSISTANT MEDICAL OFFICER OF HEALTH.

The Corporation invite applications for the post of Senior Assistant Medical Officer of Health (Male) at a salary of £750 per annum, to be subject to percentage deductions in accordance with the provisions of the Local Government Superannuation Act, 1937, together with a car allowance in accordance with Class II of the Council's scale. The successful candidate will be required to pass a medical examination and to devote the whole of his time to the duties of the office.

The appointment will be terminable by two months' notice on either side.

Applicants must hold a registrable degree or diploma in Public Health and have had at least three years' experience since qualification. Preference will be given to candidates who have held a resident post in an Infectious Diseases Hospital and have had special experience in Maternity and Child Welfare work and Civil Defence Casualty Organisation.

Applications, endorsed "Senior Assistant Medical Officer," giving age, degrees and qualifications, and particulars of previous post-graduate experience, accompanied by copies of three recent testimonials, must be received by me not later than 14th March, 1941. J. BROCK ALLON, Town Clerk.

Town Hall, Wolverhampton, February, 1941.

## Salisbury General Infirmary.

Voluntary Hospital. (225 Beds.)

APPOINTMENT OF RESIDENT MEDICAL OFFICER (B1).

Applications are invited from registered medical practitioners for the appointment of Resident Medical Officer to become vacant on 14th March, 1941.

Applicants should have held house appointments and had surgical experience. The appointment will be for a period of twelve months. Salary is at the rate of £250 per annum, with full residential emoluments. Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

JOHN WILLIAMS, Secretary-Superintendent.

## Salisbury General Infirmary.

(Voluntary Hospital. 225 Beds.)

APPOINTMENT OF HOUSE SURGEON (A).

Applications are invited from registered medical practitioners (Male), including R practitioners within three months of qualification, for the post of House Surgeon (A), to become vacant on February 18th, 1941. If held by an R practitioner, appointment will be for a period of six months. Salary is at the rate of £125 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

JOHN WILLIAMS, Secretary-Superintendent.

## Royal Albert Edward Infirmary and

DISPENSARY, WIGAN.
(189 Beds.)

APPOINTMENT OF A HOUSE SURGEON (A).

Applications are invited from registered medical practitioners (Male), including R practitioners within three months of qualification, for the appointment of a House Surgeon (A), now vacant. If held by an R practitioner, appointment will be for a period of six months. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned without delay.

A. STANLEY BRUNT,
General Superintendent and Secretary.

13th February, 1941.

## Herefordshire General Hospital,

HEREFORD.
(152 Beds.)

Immediate applications are invited from registered medical practitioners (Male) for the appointment of a HOUSE SURGEON (A) in charge of Casualty and Ear, Nose and Throat Departments, including R practitioners within three months of qualification. The appointment will be limited to six months.

Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned. T. W. UPTON, Secretary.

## County Council of Durham.

HOLYWOOD HALL SANATORIUM, WOLSINGHAM.
(183 Beds.)

ASSISTANT RESIDENT MEDICAL OFFICER (B1)

Applications are invited for the post of Assistant Resident Medical Officer (B1) (Male or Female) at a salary of £350 per annum, with board, residence, and laundry in addition, valued at £150 per annum. Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply.

The appointment is in the first instance for a period of twelve months, and will be subject to the regulations for the time being of the County Council relative to the payment of salary in the case of sickness, and will be terminable by one calendar month's notice on either side. If the appointment is extended beyond one year the appropriate increments, in accordance with the Askwith Scale, will be made.

The successful candidate will be required to pass the County Council's medical examination.

Applications, stating age and experience, together with copies of three recent testimonials, to be sent to the County Medical Officer of Health, Shire Hall, Durham, not later than Monday, the 17th March, 1941.

J. K. HOPE, Clerk of the County Council.

Shire Hall, Durham, 24th February, 1941.

## The King Edward VII Welsh National

MEMORIAL ASSOCIATION.

Applications are invited from registered medical practitioners, Male and Female, for the appointment of ASSISTANT RESIDENT MEDICAL OFFICER (B2) to become vacant immediately, including R practitioners who now hold A posts. If held by an R practitioner the appointment will be limited to six months; otherwise it will be for a period of one year.

The salary is at the rate of £200 per annum, with full residential emoluments.

The vacancy occurs at the North Wales Sanatorium, Denbigh (247 beds for pulmonary female patients and surgical tuberculosis in men, women and children—*excluding* 150 M.S. beds for tuberculous Service and ex-Service men).

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than Wednesday, March 12, 1941. D. A. POWELL,
Principal Medical Officer.

Memorial Offices, Cathays Park, Cardiff,
February 25, 1941.

## Salisbury General Infirmary.

(Voluntary Hospital. 225 Beds.)

APPOINTMENT OF HOUSE PHYSICIAN (B2).

Applications are invited from registered medical practitioners (Male) for the appointment of House Physician (B2), to become vacant on 12th March, 1941, including R practitioners who now hold A posts. If held by an R practitioner the appointment will be limited to six months. The salary is at the rate of £125 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

JOHN WILLIAMS, Secretary-Superintendent.

## Royal Halifax Infirmary.

Applications are invited from registered medical practitioners (Male), including R practitioners within three months of qualification, for CASUALTY OFFICER (A). Salary £150 per annum, with full residential emoluments.

If held by an R practitioner the appointment will be for a period of six months.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

A. MIDGLEY, Secretary.

2nd January, 1941.

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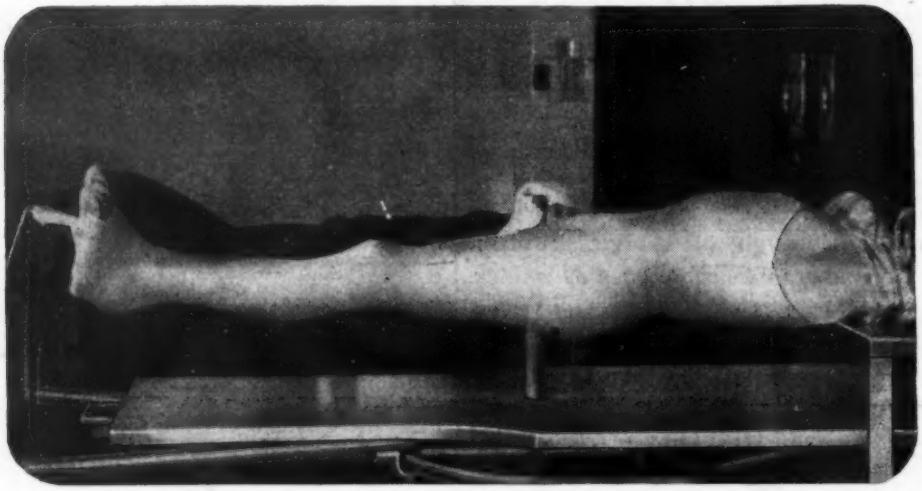

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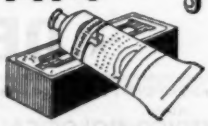

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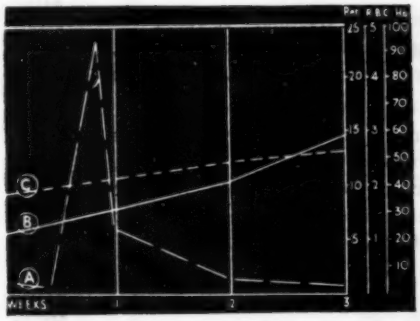


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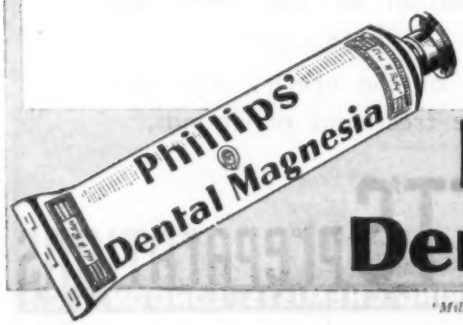


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*References:* Lancet, *November 16th, page 621.* B.M.J. *November 16th, page 679.*

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the roote thereof will giue a kind purgation
By them both men and women good haue found

"The decoction used in clysters is good against the roughness and fretting of the guts, bladder and fundament. The roots of the Veruaine-mallow do heale the bloody flix and inward burstings, being drunke with wine and water, as Dioscorides and Paulus Aegineta testifie." So extols Gerarde the virtues of mallow in his herbal of 1636.

The demulcent action of mallow as an intestinal corrective finds its modern counterpart in Agarol brand Compound, the original mineral oil and agar-agar emulsion with phenolphthalein. With firm gentleness, Agarol accomplishes its purpose of easy, painless evacuation closely resembling the normal function.
Safe and convenient to use under all conditions, Agarol not only lubricates the intestinal tract and softens its contents, but gently stimulates the colon to renewed activity.

**William R. Warner & Co. Ltd., Power Road, Chiswick, London, W.4**

**AGAROL** for constipation

# RADIOSTOLEUM

*(Standardised Vitamins A and D)*

In normal circumstances the average daily intake of Vitamins A and D is commonly less than the minimum necessary for the maintenance of an optimum standard of health. Under present conditions the tendency is for needs to be increased and intake decreased. It is to be expected therefore that a rising incidence of symptoms of deficiencies of Vitamins A and D will be encountered, and the need for a concentrated preparation of these vitamins will increase.

For the correction of these deficiencies Radiostoleum is available in various forms, suited to the needs of patients of all types and ages :—

For prophylaxis (adults and older children)
**RADIOSTOLEUM CAPSULES**

As a dietary adjunct (infants and children)
**RADIOSTOLEUM EMULSION WITH VITAMIN C**

For prophylaxis or treatment (patients of all ages)
**RADIOSTOLEUM LIQUID**

For intensive treatment (patients of all ages)
**CONCENTRATED RADIOSTOLEUM FOR INJECTION**

*Samples on request*

THE BRITISH DRUG HOUSES LTD. LONDON N.1

Telephone : Clerkenwell 3000 Telegrams : Tetradome Télex London

Rstm/E/429

# For Impaired Vitality

AND

# Jaded Nerves

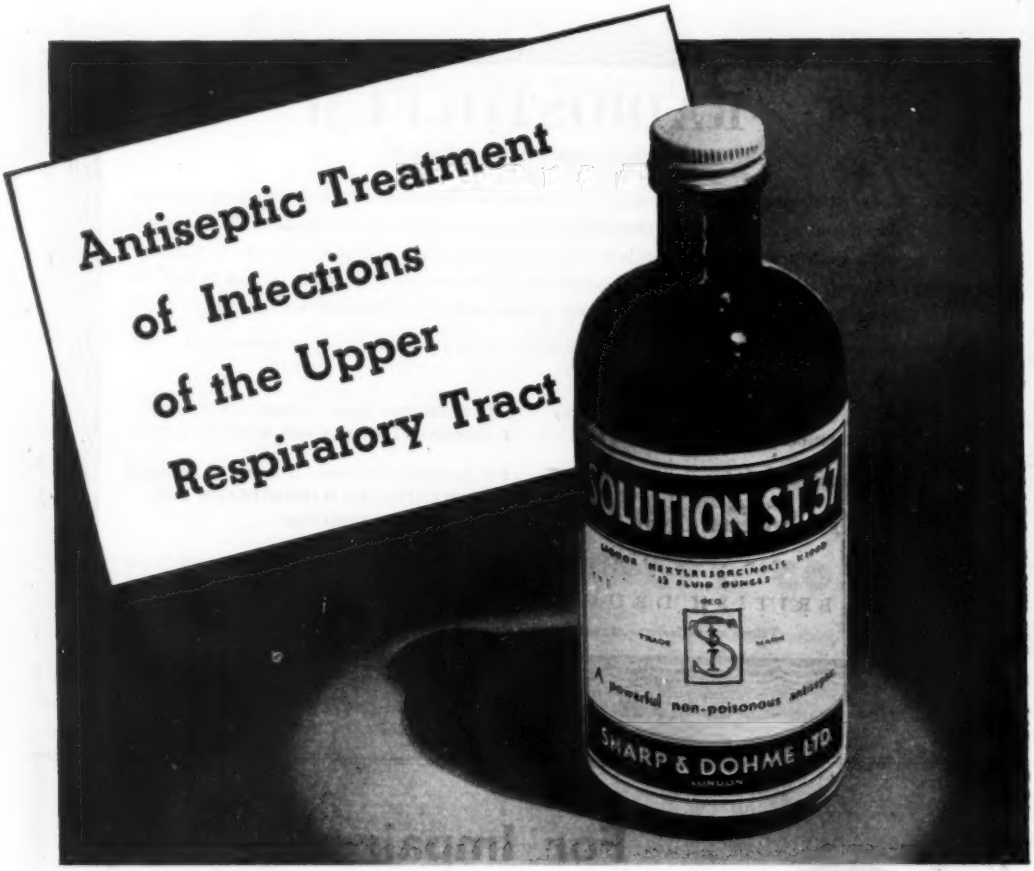
Neuro Phosphates has a world-wide reputation for combating nervous exhaustion, lowered vitality, and general debility resulting from prolonged physical or mental strain. It is the ideal reconstructive tonic in convalescence after illness, operation, or parturition.

Each adult dose (two teaspoonfuls) contains in acid state :
Sodium Glycerophosphate ... 2 grs.
Calcium Glycerophosphate... 2 grs.
Strychnine Glycerophosphate $\frac{1}{30}$ gr.

*℞ Neuro Phosphates*
(ESKAY BRAND)

**Menley & James Ltd., 123, Coldharbour Lane, London, S.E. 5**

N2




BECAUSE of its non-toxic and non-irritating properties combined with high germicidal activity, Solution S.T. 37 is especially indicated in the treatment of infections of the upper respiratory tract.

This outstanding germicidal agent should be employed in the nasopharynx full strength as a topical application or in dilution as a spray. Where it is desired to apply an antiseptic to the pharynx, larynx and trachea, a spray of the Solution diluted with an equal part of warm water is especially indicated.

Should an antiseptic irrigating solution be desired in infections of the naso-pharyngeal region, a dilution of one part Solution S.T. 37 with two to four parts of warm water is suggested.

Solution S.T. 37 is supplied in convenient three - ounce, five - ounce and twelve-ounce bottles.

SHARP & DOHME
LIMITED

HODDESDON HERTS

# NOW—a complete and perfect System of Infant Feeding

THE "Veguva" System of Infant Feeding represents a noteworthy advance in pediatrics. Its introduction has been received with the keenest interest by specialists in infant nutrition throughout the country.

An examination of the "Veguva" System immediately demonstrates its advantages over the usual methods of feeding with modified milk foods. It comprises two foods which, together, constitute a complete system of feeding from birth.

**"Veguva" No. 1.—Milk food containing vegetable and fruit juices—for infants from birth.**

**"Veguva" No. 2.—Vegetable Adjuvant —for infants from four months.**

Physiological tests show that "Veguva" Foods are rich in the vitamins, easily assimilable organic iron and other important mineral salts which are essential to normal development and well being and the prophylaxis of deficiency disorders.

"Veguva" is packed by methods which effectively conserve the product and prevent any deterioration.

## *A Booklet*

*explaining in detail the "Veguva" System of Infant Feeding, together with clinical trial samples of "Veguva" Foods, will be sent on request.*

A. WANDER LIMITED,
184 Queen's Gate, London, S.W.7.

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***Branches:*** CANADA: Peterborough, Ont. AUSTRALIA: 1 York Street North, Sydney. NEW ZEALAND: Maritime Buildings, Custom House Quay, Wellington. SOUTH AFRICA: P.O. Box 597, Cape Town. STRAITS SETTLEMENTS: P.O. Box 660, Singapore. HONG-KONG: 18 Pedder Street. Also at Berne, Chicago, Malta, Mauritius, Colombo, Cairo, etc.

***Distributing Agents:*** INDIA: 16 Bank Street, Fort, Bombay.

# Veguva BRAND Baby Foods

M 294

TRADE MARK **PYLUMBRIN** BRAND

# DIODONE

*Literature sent upon request*

FOR EXCRETION PYELOGRAPHY PYLUMBRIN is a stable sterile 35 per cent. solution of the diethanolamine salt of 3:5-di-iodo-4-pyridone-N-acetic acid for excretion pyelography. Clinical results have shown that Pylumbrin gives excellent contrast shadows of the kidney and ureters. The adult dose is 20 c.c. by intravenous injection.

| AMPOULES of 20 c.c. | | AMPOULES of 3 c.c. | |
|---|---|---|---|
| Single ampoule | 10/6 | Single ampoule | 2/6 |
| Box of 6 ampoules | 63/- | Box of 3 ampoules | 7/6 |
| | | Box of 6 ampoules | 15/- |

*Discount to the Medical Profession*

Obtainable through all Branches of

Boots

## BOOTS PURE DRUG CO. LTD NOTTINGHAM

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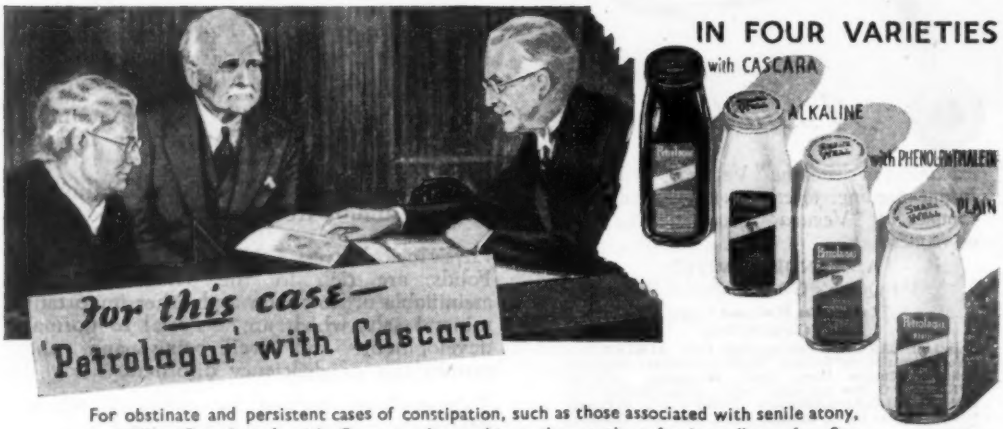



For obstinate and persistent cases of constipation, such as those associated with senile atony, prescribe 'Petrolagar' with Cascara. It combines the gentle softening effect of a fine oil-in-water emulsion with the mild, stimulating action of a special non-bitter cascara sagrada to produce a thorough and comfortable bowel movement. 'Petrolagar' with Cascara is especially suitable for the elderly patient because it can be taken over a long period of time without the dosage having to be increased. It is pleasant to take and has no griping tendencies.

# 'Petrolagar' REGD.

BRAND PARAFFIN EMULSION

JOHN WYETH & BROTHER LTD. 25, OLDHILL PLACE, LONDON, N.16.
*(Sole distributors for Petrolagar Laboratories Ltd.)*

MEDICAL EVANS PRODUCTS

# Nutritional Macrocytic Anaemia

**HEPATEX-T** is indicated in this condition and other deficiency diseases. HEPATEX-T is a solution containing liver, vitamin $B_1$ riboflavin, nicotinic acid and vitamin $B_6$. Each 2 cc contains 333 International Units of vitamin $B_1$ and 10 mgms. nicotinic acid.

*Prices and Packages of HEPATEX-T*

| | | |
|---|---|---|
| Boxes of 6 x 2 cc | .. | 9/– per box |
| Boxes of 50 x 2 cc | .. | 66/– per box |
| Rubber capped bottles of 10 cc | | 6/6 each |

*Samples and Literature will be sent on application to Home Medical Dept., Hanover Street, Liverpool*

Made at
THE EVANS BIOLOGICAL INSTITUTE
by

**Evans Sons Lescher & Webb Ltd.**

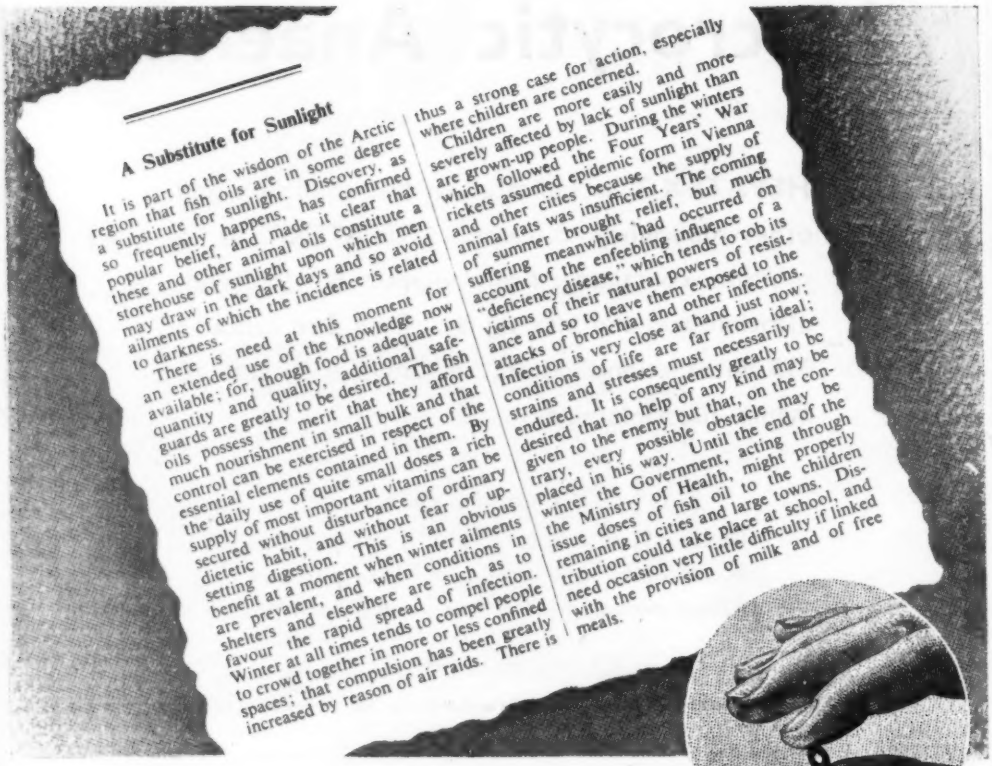
**Liverpool and London**

# 'A SUBSTITUTE FOR SUNLIGHT'

—'THE TIMES'

IN its second leader on January 14th, 1941, 'The Times' made a plea for wider recognition of the value of *fish oil* as a help in resisting infection.

Thousands of forward-looking people have already been taking Crookes' Halibut Liver Oil regularly throughout this winter, fortifying themselves with these powerful anti-infective vitamins to which 'The Times' refers. Crookes' Halibut Liver Oil, in liquid or capsule form, is obtainable from all chemists.



**A Substitute for Sunlight**

It is part of the wisdom of the Arctic region that fish oils are in some degree a substitute for sunlight. Discovery, as so frequently happens, has confirmed popular belief, and made it clear that these and other animal oils constitute a storehouse of sunlight upon which men may draw in the dark days and so avoid ailments of which the incidence is related to darkness.

There is need at this moment for an extended use of the knowledge now available; for, though food is adequate in quantity and quality, additional safeguards are greatly to be desired. The fish oils possess the merit that they afford much nourishment in small bulk and that control can be exercised in respect of the essential elements contained in them. By the daily use of quite small doses a rich supply of most important vitamins can be secured without disturbance of ordinary dietetic habit, and without fear of upsetting digestion. This is an obvious benefit at a moment when winter ailments are prevalent, and when conditions in shelters and elsewhere are such as to favour the rapid spread of infection. Winter at all times tends to compel people to crowd together in more or less confined spaces; that compulsion has been greatly increased by reason of air raids. There is thus a strong case for action, especially where children are concerned.

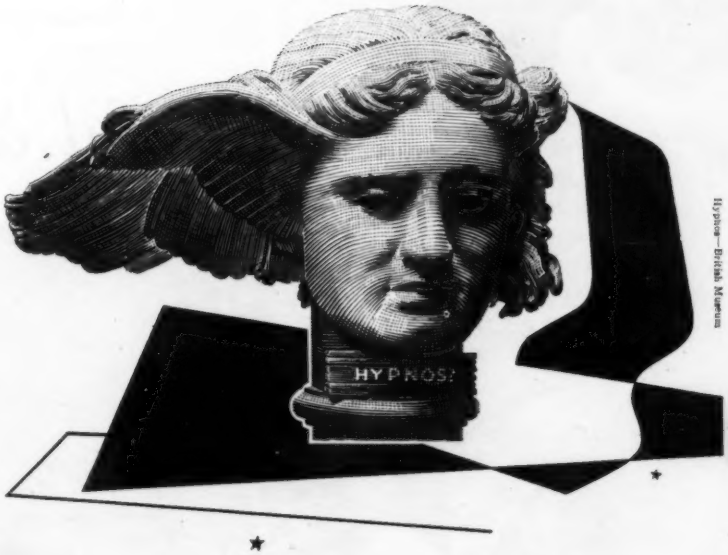
Children are more easily and more severely affected by lack of sunlight than are grown-up people. During the winters which followed the Four Years' War rickets assumed epidemic form in Vienna and other cities because the supply of animal fats was insufficient. The coming of summer brought relief, but much suffering meanwhile had occurred on account of the enfeebling influence of a "deficiency disease," which tends to rob its victims of their natural powers of resistance and so to leave them exposed to the attacks of bronchial and other infections. Infection is very close at hand just now; conditions of life are far from ideal; strains and stresses must necessarily be endured. It is consequently greatly to be desired that no help of any kind may be given to the enemy but that, on the contrary, every possible obstacle may be placed in his way. Until the end of the winter the Government, acting through the Ministry of Health, might properly issue doses of fish oil to the children remaining in cities and large towns. Distribution could take place at school, and need occasion very little difficulty if linked with the provision of milk and of free meals.

*Vitamin strength of* CROOKES' OIL *is stated on green label on bottle.*
*If offered a substitute, demand a written guarantee of vitamin potency.*

# CROOKES' HALIBUT LIVER OIL

LIQUID—PER PHIAL—ENOUGH FOR 16 DAYS, 2/- ● CAPSULES—PER BOTTLE OF 25—2/6

T.G.S




Hypnos—British Museum

# PROFOUND SEDATIVE ★ BRIEF HYPNOTIC EFFECT

*from One-Half the Dosage Required with Most Barbiturates*

Administered orally, rectally or, in emergencies, intravenously, Nembutal exerts an extremely rapid but brief hypnotic and a pronounced sedative action from a dosage only about one-half that required with most other powerful barbiturates. This small dosage reduces the recovery period also by about one-half and, by lessening the amount of the drug to be eliminated, makes Nembutal, clinically, one of the safest of the barbiturates. ● Safety, rapidity and brevity of action recommend Nembutal for use not only as a pre-anæsthetic sedative in major and minor surgery, but also in the treatment of insomnia, hysteria, sea-sickness, nausea from any cause, eclampsia, delirium tremens, convulsions from strychnine or other poisoning and in obstetrics —with or without morphine and scopolamine. Nembutal has also been used with much success as a supplement to morphine in controlling the pain of early cancer. ● Nembutal is available through pharmacies in a wide variety of forms, the most widely employed of which are the ½-grain and 1½-grain capsules for oral use. Comprehensive literature and a free trial sample of Nembutal Capsules, 1½-grains, will be sent upon request. Coupon below is for your convenience.

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**NEMBUTAL**
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*Please send free trial sample of Nembutal 1½-grain Capsules and literature to*

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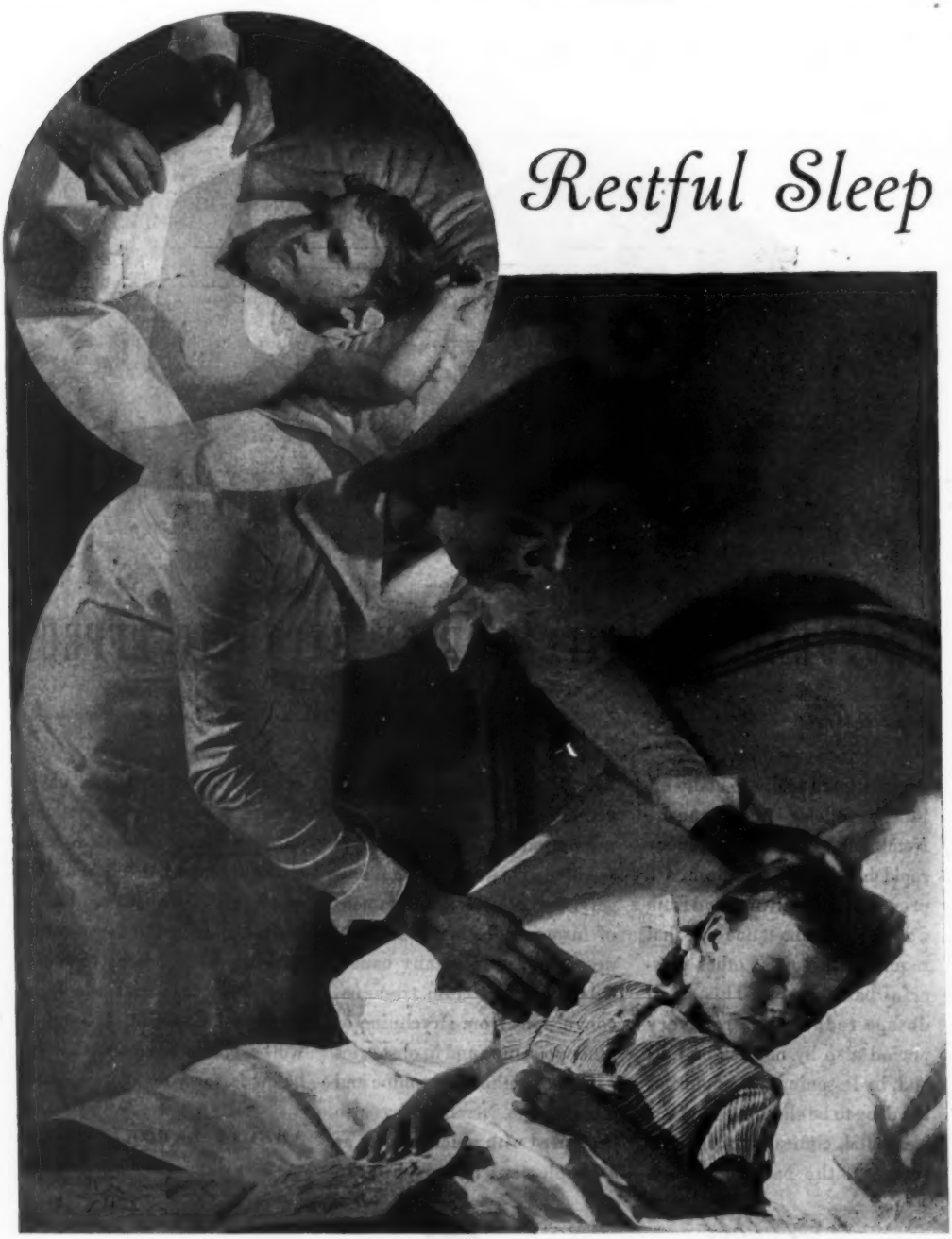
Lancet—19

# Restful Sleep



Bronchial irritations generally respond to applications of

**Antiphlogistine**

BRAND TRADE MARK DRESSING

No systemic reactions

Made in England

*Sample and literature on request*

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MEDICAL EVANS PRODUCTS

# SAREVAN

*... a new non-irritant sarcopticide*

● **COMPOSITION:** A 2 per cent. non-oily emulsion of Rotenone. (Rotenone is non-toxic, non-irritant, and is not absorbed from topical applications).

● **INDICATIONS:** For the treatment of scabies and other dermatoses of parasitic origin.

● **ADMINISTRATION:** Sarevan is applied to the affected areas after a thorough cleansing with soap and hot water. The application is repeated night and morning for 2 to 7 days. (Severe infestation requires about 7 days' treatment but milder infestations are usually cleared in 2 days).

● **FEATURES:**
1. Non-irritant.
2. Does not stain bed linen or underwear and the patient is not conscious of its presence.
3. The base acts as an emollient to the irritation and dermatitis often found in severe scabies; immediate relief is obtained.
4. Well tolerated by sensitive skins.
5. One ounce of lotion is sufficient for one application to the entire body.

● **PACKAGES:** Bottles of 4 and 20 fl. oz.

Instruction sheets for the patient's use supplied and technical literature sent on application to Home Medical Dept., Hanover Street, Liverpool.

*Made in England by*
*Evans Sons Lescher and Webb Ltd.*
*Liverpool and London*

# 'VENESETIC'

(SODIUM THIOETHAMYL)

## *for the production of surgical anæsthesia and basal narcosis by intravenous injection*

'VENESETIC' (sodium thioethamyl or sodium isoamyl-ethyl-thiobarbiturate) is a derivative of thiobarbituric acid, developed in the Parke-Davis Research Laboratories. Sodium thioethamyl was submitted to the joint Anæsthetics Committee of the Medical Research Council and the Anæsthetics Section of the Royal Society of Medicine, through the Therapeutic Trials Committee of the Medical Research Council, and a report appeared in the *British Medical Journal*, 1939, I, 109.

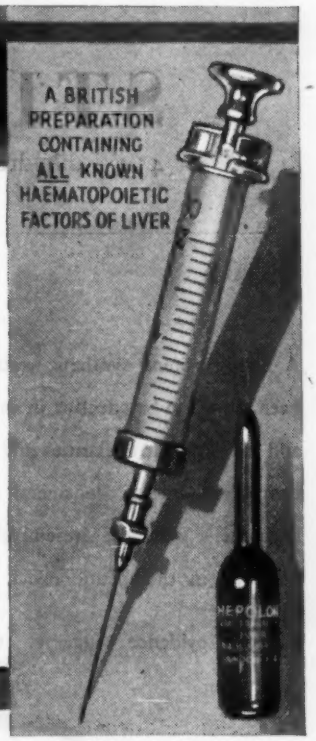
'Venesetic' is intended for the induction of surgical anæsthesia by intravenous injection. It is particularly suitable for operations of not more than 20 to 30 minutes' duration, when complete and long-continued muscular relaxation is not required, and for basal narcosis preceding general anæsthesia. The induction of anæsthesia is rapid and smooth, and the patient regains consciousness within 10 to 25 minutes after the administration of the average dose.

The dose required will vary with individual patients and with the degree of anæsthesia desired, but a dose of 1 gramme in 7·5 per cent. solution may be considered to be the average maximum total dose (by interrupted administration) that should be given.

'VENESETIC' (sodium thioethamyl) is supplied in boxes of three ampoules, each containing 1 gramme, together with three 13 c.c. ampoules of distilled water. Further particulars will be supplied on request.

**PARKE, DAVIS & CO.**
**50, BEAK ST., LONDON, W.1**
Laboratories: Hounslow, Middlesex. Inc. U.S.A., Liability Ltd

# HEPOLON




## TOTAL LIVER EXTRACT FOR PARENTERAL INJECTION

is produced by improved processes which conserve all the known hæmatopoietic principles of the whole liver; it gives no reactions for histamine or undesirable protein. HEPOLON approximates to the extract described by Gansslen; later extracts have been described as of narrower therapeutic value.

HEPOLON not only passes the highest clinical tests for potency against pernicious anæmia but contains Whipple's factor, Wills's factor, vitamin $B_2$, nicotinic acid, and the hæmatinic minerals of liver.

Prices in Great Britain and Northern Ireland (subject to alteration without notice):

Ampoules of 2 c.cm.: box of 6, 6/-, box of 12, 11/6, and box of 24, 22/-

Rubber-capped vial of 10 c.cm., 5/-, and of 30 c.cm., 12/6

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# Calcydic

## CALCIUM VITAMIN D GRANULES

Supplies of calcium and phosphorus are essential to the action of vitamin D. Whereas ordinary calcium phosphate contains 1 part by weight of phosphorus to 2 of calcium, dicalcium phosphate contains 3 parts of phosphorus to 4 of calcium.

Each teaspoonful of Calcydic Granules contains—

Dicalcium phosphate 7½ gr.
Vitamin D - 1,500 units
Glucose, Chocolate, and Cane Sugar .

These granules may be given to children or adults, prophylactically or therapeutically, in rickets, pregnancy, lactation, osteomalacia, menorrhagia, convalescence, chilblains, and urticaria.

Calcydic Granules are pleasant to take

In tins of ½ lb. at 2/3, and 1 lb. at 4/-

*Plus Purchase Tax.*

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## IRON GRANULES

Being chocolate flavoured, FERRODIC Iron Granules appeal strongly to children who will not take ordinary iron preparations, such as Chemical Food. The iron is present in the ferrous state, being preserved from oxidation by the presence of reducing sugar (glucose).

FERRODIC Iron Granules contain a large proportion of this sugar, which gives the preparation a special value in ketosis ('acidosis'), a condition found in debilitated children. Sprinkled on bread and butter, the granules provide a solution to the problem of feeding children who have no appetite.

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*Plus Purchase Tax.*

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# STILBŒSTROL

4 : 4′ - dihydroxy - α : β - diethylstilbene (diethylstilbœstrol)

A highly potent synthetic œstrogen which has been shown to be effective in cases of vasomotor and menstrual irregularities and other symptom-complexes due to deficiency of the follicular hormone. Closely resembles the natural hormone in therapeutic effect. Well tolerated.

Clinical evidence suggests that Stilbœstrol Dipropionate has a more lasting effect than Stilbœstrol without undue reduction in activity.

'Wellcome' Stilbœstrol Ointment contains 0.05 per cent. Stilbœstrol Dipropionate. Uniform in consistence and composition. Particularly indicated in menopausal conditions including atrophic vaginitis and kraurosis vulvæ.

*The following prices are now in force:*

**TRADE MARK 'TABLOID' BRAND STILBŒSTROL**

0·5 mgm. bottles of 25 at 1/– and 100 at 2/10
1 mgm. bottles of 25 at 1/1 and 100 at 3/2
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**TRADE MARK 'HYPOLOID' BRAND STILBŒSTROL**

1 mgm. in 1 c.c. boxes of 6 ampoules - - 2/6
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**TRADE MARK 'WELLCOME' BRAND STILBŒSTROL OINTMENT**

Tubes of 20 grammes (approx.) - - - 2/6

**TRADE MARK 'TABLOID' BRAND STILBŒSTROL DIPROPIONATE**

1 mgm. bottles of 25 at 1/1 and 100 at 3/2
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1 mgm. in 1 c.c. boxes of 6 ampoules - - 2/6
5 mgm. in 1 c.c. boxes of 6 ampoules - - 2/9

**'TABLOID' and 'HYPOLOID' HEXŒSTROL PRODUCTS are available in packings similar to the above and at the same prices.**

*London Prices to the Medical Profession*

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*Associated Houses:* NEW YORK MONTREAL SYDNEY CAPETOWN BOMBAY SHANGHAI BUENOS AIRES

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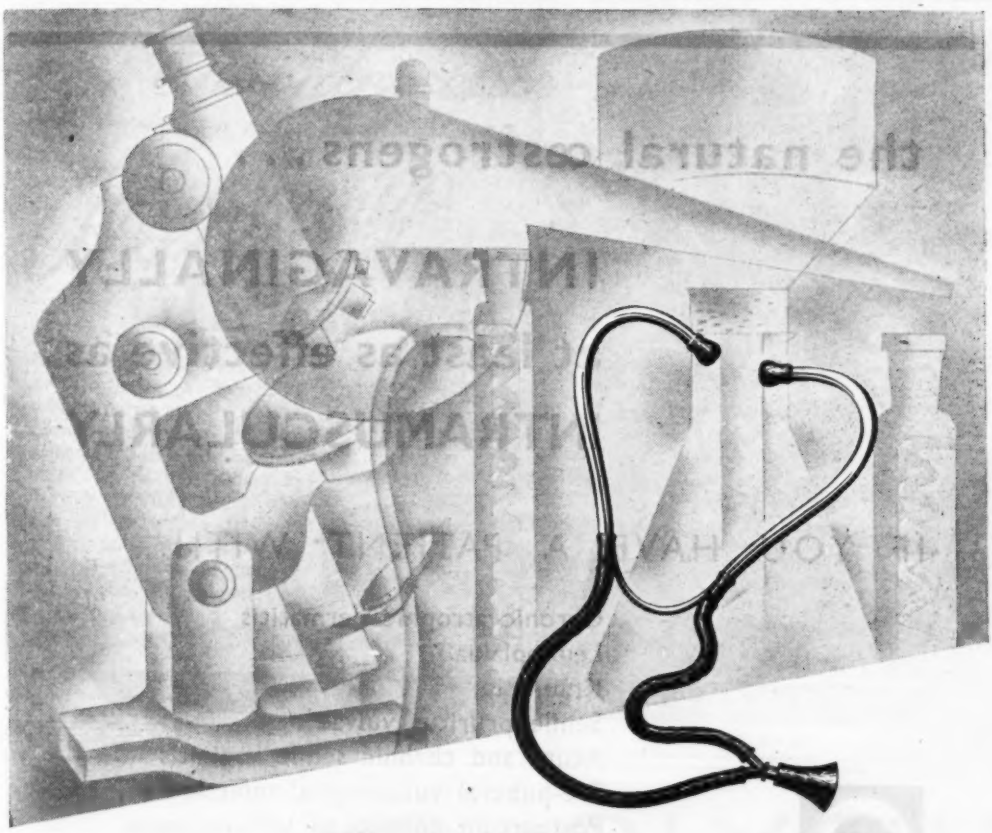


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For pneumococcal, gonococcal and meningococcal infections.

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For parenteral administration in streptococcal infections.

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For epilepsy.

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For insomnia.

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For trichomonal vaginitis.

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## INTRAVAGINALLY
## at least as effective as
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IF YOU HAVE A PATIENT WITH

Chronic atrophic dermatitis
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Kraurosis
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**THEN KOLPON IS A SUITABLE TREATMENT**

Bougies (500 I.U. œstrone) and Tablets (1,000 I.U. œstrone) at an extremely low price

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when the digestive powers are weak or impaired

# Allenburys DIET

solves the problem of feeding. Made from full-cream milk and whole wheat, it has a more varied composition than that of milk, is made easily assimilable by partial digestion during manufacture, and has an attractive flavour. The flavour may be varied by the addition of coffee, cocoa, etc., if required.

In tins, 2/3, 4/4 and 8/2.

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# IODOLYSIN

gives really satisfactory results in a large proportion of cases of rheumatoid arthritis and allied conditions. This claim is supported by numerous reports from medical practitioners. Such success must appeal particularly to the general practitioner, who has constantly to deal with difficult and intractable cases of those diseases.

Iodolysin is a chemical compound containing 47% of iodine and 43% of thiosinamine. It has definite therapeutic advantages over uncombined thiosinamine.

*Preparations:*
Injection Solution; Capsules; Ointment.

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SURGICAL INSTRUMENT AND HOSPITAL FURNITURE MANUFACTURERS

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**Batchelor's Peas**

*are proof of the*
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★ RICH IN VITAMINS
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When the **PAROXYSMS** of **WHOOPING COUGH** are established, treatment is directed towards their control.

For nearly sixty years the inhalant, **VAPO-CRESOLENE,** has been demonstrating its usefulness at this time. Used at night the antiseptic vapours check the cough and the strength of the patient is conserved.

Relieves cough in broncho-pneumonia and bronchitis. Dyspnœa in spasmodic croup and bronchial asthma, and coughs due to colds.

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# Cod Liver Oil

Raw material is scarce, many of the trawlers we rely upon in peace time are now on National Defence work—but our Grimsby Cod Liver Oil and Halibut Liver Oil preparations are available as usual.

We would like to assure our many friends—especially including the Public Health Authorities—that their requirements will continue to receive our careful attention. Full details, present prices, etc., gladly sent on request.

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**Ropery Street, Grimsby**
*15 Prize Medals Awarded*

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. . . whenever the dictates of hospitality decree that the best and only the best shall be served to your guests.

**OTARD'S BRANDY**
FAMOUS SINCE 1795
*The Only Brandy bottled actually at the Chateau de Cognac*

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SALMON ODY

BALL AND SOCKET TRUSS

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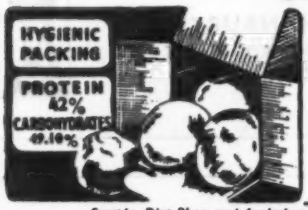


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## Royal London Ophthalmic Hospital

(MOORFIELDS EYE HOSPITAL),
City-road, London, E.C.1.

GIFFORD EDMONDS PRIZE IN OPHTHALMOLOGY.

The Prize of £100 awarded every two years is offered for the best Essay on a subject dealing with Ophthalmology and involving original work, and is open to any British Subject holding a medical qualification.

The Subject for the next essay is:—

"THE INTRA-OCULAR FOREIGN BODY."

Preference will be given to original work based on any branch of the subject, rather than to compilations of the writings of previous observers.

Essays must be sent in not later than December 31st, 1942, or within twelve months of the cessation of hostilities, whichever be the later date.

A leaflet giving full particulars of the Prize may be obtained from the SECRETARY, Royal London Ophthalmic Hospital (Moorfields Eye Hospital), City-road, London, E.C.1.

## Royal College of Surgeons of England.

ELECTION TO COURT OF EXAMINERS.

Notice is hereby given that the Council, on May 8th next, will elect one Member of the Court of Examiners in the vacancy occasioned by the retirement of Mr. Reginald M. Vick, who is not eligible.

Fellows of the College desirous of becoming candidates for the office must make application, in writing, to the Secretary on or before Monday, March 24th.

KENNEDY CASSELS, Secretary.

8th March, 1941, Lincoln's Inn Fields, W.C.2.

## PORTSMOUTH CITY MENTAL HOSPITAL

Accommodation is provided for the reception of PRIVATE PATIENTS of both sexes in three detached Villas, which are healthily and pleasantly situated in extensive grounds with sea views.

Charges from 3 guineas weekly, including all necessaries except clothing.—Apply to the Medical Superintendent and Resident Physician, THOMAS BEATON, O.B.E., M.D., F.R.C.P.

## BRITISH POSTGRADUATE MEDICAL SCHOOL

(UNIVERSITY OF LONDON)

### WAR SURGERY OF THE CHEST
### 17th to 21st March, 1941

| | | | |
|---|---|---|---|
| Monday, 17th March | 10 A.M. | Introductory Lecture. | Mr. A. Tudor Edwards, M.D., F.R.C.S. |
| | 11.30 A.M. | Anatomy, Physiology and Pathology of Chest Wounds. | Mr. T. Holmes Sellors, D.M., M.Ch., F.R.C.S. |
| | 1.15 P.M. | Bus to Royal College of Surgeons. | |
| | 2 P.M. | Demonstration of Specimens of Gunshot Wounds. | Mr. O. S. Tubbs, F.R.C.S. |
| Tuesday, 18th March | 10 A.M. | The Surgery of the Open Thorax. | Mr. C. Price Thomas, F.R.C.S. |
| | 11.15 A.M. | Anæsthesia in Chest Surgery. | Dr. H. Woodfield Davies, B.A., L.M.S.S.A. |
| | 1.30 P.M. | Closed Wounds of Chest, etc. | Professor J. A. Nixon, C.M.G., M.D., F.R.C.P. |
| | 2.30 P.M. | Operative Demonstrations on the Cadaver. | Mr. A. K. Henry, M.Ch., F.R.C.S. |
| Wednesday, 19th March | 10 A.M. | Gunshot Wounds of the Heart. | Prof. G. Grey Turner, LL.D., D.Ch., M.S., F.R.C.S. |
| | 11.15 A.M. | Radiography in Gunshot Wounds of the Chest. | Dr. J. Duncan White, M.B., Ch.B., D.M.R.E. |
| | 2 P.M. | Thoracico-Abdominal Wounds. | Surg. Rear-Admiral G. Gordon-Taylor, O.B.E., M.S., F.R.C.S. |
| | 3.15 P.M. | Drainage of the Pleural Cavity. | Mr. R. C. Brock, M.S., F.R.C.S. |
| Thursday, 20th March | 10 A.M. | Technique of Operations for removal of foreign bodies from lung, other operations for late wounds, etc. | Prof. G. Grey Turner, LL.D., D.Ch., M.S., F.R.C.S. |
| | 11.15 A.M. | Instruments and Appliances used or that can be used in Chest work. | Mr. R. H. Franklin, F.R.C.S. |
| | 2 P.M. | Operations on Cadaver, Mediastinum, Heart, etc. | Mr. A. K. Henry, M.Ch., F.R.C.S. |
| Friday, 21st March | 10 A.M. | Late Results of Gunshot Wounds. | Mr. J. E. H. Roberts, O.B.E., F.R.C.S. |
| | 11.15 A.M. | Other Aspects of Closed Wounds of Chest, Collapse Therapy, etc. | |
| | 2 P.M. | Miscellaneous Considerations regarding Chest Surgery, followed by a general discussion. | Mr. N. Barrett, M.Ch., F.R.C.S. |

The fee for the Course is one guinea, but no fee will be charged in the case of Officers of the Armed Forces and E.M.S. who submit a leave certificate and register their names before the commencement of the Course. Applications for tickets should be addressed to the Dean, British Postgraduate Medical School, Ducane Road, W.12.

Further courses on War Surgery will commence as follows:—

WAR SURGERY OF THE NERVOUS SYSTEM: Monday, 31st March.
OPERATIVE SURGERY IN WARTIME: Monday, 21st April.
WAR SURGERY OF THE EXTREMITIES: Monday, 12th May.
WAR SURGERY OF THE ABDOMEN: Monday, 26th May.

## University of Glasgow.

TENNENT CHAIR OF OPHTHALMOLOGY.

Applications are invited for the above Chair, which will be vacant on 30th September, 1941.

The stipend is £800 per annum.

Further particulars regarding the Chair may be obtained on application to the undersigned, with whom applications should be lodged not later than 1st May, 1941.

ROBT. BROUGH,
Acting Secretary of University Court.

February, 1941.

FENSTANTON, at "FIVE DIAMONDS," Chalfont St. Giles, Bucks.

A Private Home for the Care and Treatment of a limited number of LADIES with Mental and Nervous Disorders. Certified, Voluntary, and Temporary Patients received. Mansion with 12 acres of ground. (See Medical Directory, p. 2346.) Apply Resident Physician. Telephone: Little Chalfont 2046. Station: Chalfont and Latimer.

Telephone: WELbeck 2728 Telegrams: "ASSISTIAMO, LONDON"
For MEDICAL, SURGICAL, and
MENTAL NURSES
Male or Female
THE NURSES' ASSOCIATION
In conjunction with the MALE NURSES' ASSN.
29, YORK ST., BAKER ST., LONDON, W.1
Mrs. MILLICENT HICKS, Superintendent W. J. HICKS, Secretary

## THE RETREAT, YORK

The Pioneer Hospital, opened 1796, for the humane treatment of those suffering from Nervous and Mental Disorder

This Hospital of 200 beds, administered by a Committee of the Society of Friends, combines what is best in the investigation and treatment of nervous illness with a sympathetic and friendly atmosphere. Last year 121 patients were admitted, of whom 80 were voluntary cases.

Much curative work is accomplished in our mental hospitals to-day and the recovery rate compares very favourably with that of our general hospitals.

For information and terms of admission apply to :—
The Physician Superintendent,
ARTHUR POOL, M.R.C.P.
(Telephone : York 3612)
who is available for consultation

## NORTHUMBERLAND HOUSE

GREEN LANES,
FINSBURY PARK, N.4

A PRIVATE HOSPITAL for the treatment of mental and nervous illnesses. Conveniently situated and easy of access from all parts. Six acres of ground facing Finsbury Park. Voluntary and Temporary Patients received without certification. Occupational Therapy, Psychotherapy, and other modern forms of treatment. Air-raid Shelters have been provided.
*Telephone:* Stamford Hill 2688. *Telegrams:* "SUBSIDIARY, LONDON."
For further particulars apply to the MEDICAL SUPERINTENDENT.

## HAYDOCK LODGE,

NEWTON-LE-WILLOWS, LANCASHIRE.

For the reception and treatment of PRIVATE PATIENTS of both sexes of the UPPER AND MIDDLE CLASSES suffering from Mental and Nervous Disorders, Alcoholism and Drug addiction, either voluntarily, temporarily, or under certificate. Patients are classified in separate buildings according to their mental condition. Situated in park and grounds of 400 acres. Self-supported by its own farm and gardens in which patients are encouraged to occupy themselves. Every facility for indoor and outdoor recreation. For terms, prospectus, etc., apply MEDICAL SUPERINTENDENT. *'Phone:* Ashton-in-Makerfield 7311. *Tele. Address:* Street, Ashton-in-Makerfield.

## CALDECOTE HALL

NUNEATON
WARWICKSHIRE
('Phone : Nuneaton 241)

Residential treatment of
**"Nervous Disorders" & Alcoholism**
(Certifiable cases are not received)

This beautiful mansion situated in the heart of the country (less than two hours from London by L.M.S.R.) and surrounded by charming pleasure grounds in which games and outdoor occupational therapy are available is devoted to the treatment of Alcoholism and "Nerves" by psychotherapeutic and ancillary methods.

*Illustrated Brochure and particulars obtainable from A. E. CARVER, M.D., D.P.M., Resident Medical Superintendent.*

## CRICHTON ROYAL, DUMFRIES

For NERVOUS AND MENTAL DISORDERS

Separate Villa for patients suffering from the effects of alcoholism and drug addiction. Every facility for complete investigation and individual treatment on the most modern lines. Fully equipped gymnasium, golf course, and indoor swimming pool. Specially trained occupational and recreational therapists. **Special Department for Insulin Therapy.** As the hospital is well endowed terms are exceptionally moderate, e.g., First Department from 3 guineas per week, Second Department, 2 and 2½ guineas per week. Voluntary and certified patients are received. Medical Certificates given anywhere in the British Isles are valid for admission of patients. *For prospectus, necessary forms, and further information apply to :—*
Physician Superintendent, P. K. McCowan, J.P., M.D., F.R.C.P., D.P.M., Barrister-at-Law *Tel* Dumfries 1119

## THE GROVE HOUSE,

CHURCH STRETTON, SHROPSHIRE.

Private Home for Ladies mentally ill. Voluntary and Temporary Patients received.
Medical Superintendent: Dr. J. A. MCCLINTOCK

## HEIGHAM HALL, NORWICH

PRIVATE MENTAL HOME for Nervous and Mental illness. All forms of treatment available. Fees from 4 gns. per week upwards according to requirements. Vacancies occasionally exist at reduced fees on the recommendation of the patient's own physician.
Apply to Dr. J. A. SMALL. Telephone: Norwich 80.

## SPRINGFIELD HOUSE

'Phone: BEDFORD 3417. **Near BEDFORD**
**For Mental Cases with or without Certificates.**
*Ordinary Terms: Five Guineas per week (including Separate Bedrooms for all suitable cases without extra charge).*
For forms of admission, &c., apply to the Resident Physician, CEDRIC W. BOWER.
INTERVIEWS IN LONDON BY APPOINTMENT.

## THE COPPICE, NOTTINGHAM.

HOSPITAL FOR MENTAL DISEASES.
President: The Right Hon. LORD BELPER.

This Institution is exclusively for the reception of a limited number of PRIVATE PATIENTS of both sexes, of the UPPER and MIDDLE CLASSES, at moderate rates of payment. It is beautifully situated in its own grounds, on an eminence a short distance from Nottingham, and commands an extensive view of the surrounding country; and from its singularly healthy position and comfortable arrangements affords every facility for the relief and cure of those mentally afflicted. Voluntary and Temporary Patients received. Occupational Therapy. For terms, &c., apply to the Medical Superintendent.
Telephone: 64117 Nottingham.

## MALLING PLACE, KENT

For LADIES and GENTLEMEN of Unsound Mind.
Terms moderate. Apply to Resident Medical Superintendent.
Telegrams: ADAM WEST MALLING. Telephone No. 2: MALLING.

# ST. ANDREW'S HOSPITAL

## FOR NERVOUS AND MENTAL DISORDERS,

## NORTHAMPTON

*FOR THE UPPER AND MIDDLE CLASSES ONLY.*

PRESIDENT: THE MOST HON. THE MARQUESS OF EXETER, K.G., C.M.G., A.D.C.

MEDICAL SUPERINTENDENT: THOMAS TENNENT, M.D., M.R.C.P., D.P.H., D.P.M.

This Registered Hospital is situated in 130 acres of park and pleasure grounds. Voluntary patients, who are suffering from incipient mental disorders or who wish to prevent recurrent attacks of mental trouble; temporary patients, and certified patients of both sexes are received for treatment. Careful clinical, bio-chemical, bacteriological, and pathological examinations. Private rooms with special nurses, male or female, in the Hospital or in one of the numerous villas in the grounds of the various branches can be provided.

### WANTAGE HOUSE

This is a Reception Hospital in detached grounds with a separate entrance, to which patients can be admitted. It is equipped with all the apparatus for the complete investigation and treatment of Mental and Nervous Disorders by the most modern methods; insulin treatment is available for suitable cases. It contains special departments for hydrotherapy by various methods, including Turkish and Russian baths, the prolonged immersion bath, Vichy Douche, Scotch Douche, Electrical baths, Plombieres treatment, etc. There is an Operating Theatre, a Dental Surgery, an X-Ray Room, an Ultra-violet Apparatus, and a Department for Diathermy and High-frequency treatment. It also contains Laboratories for bio-chemical, bacteriological, and pathological research. Psychotherapeutic treatment is employed when indicated.

### MOULTON PARK

Two miles from the Main Hospital there are several branch establishments and villas situated in a park and farm of 650 acres. Milk, meat, fruit, and vegetables are supplied to the Hospital from the farm, gardens, and orchards of Moulton Park. Occupational therapy is a feature of this branch, and patients are given every facility for occupying themselves in farming, gardening, and fruit growing.

### BRYN-Y-NEUADD HALL

The seaside house of St. Andrew's Hospital is beautifully situated in a Park of 330 acres, at Llanfairfechan, amidst the finest scenery in North Wales. On the North-West side of the Estate a mile of sea coast forms the boundary. Patients may visit this branch for a short seaside change or for longer periods. The Hospital has its own private bathing house on the seashore. There is trout-fishing in the park.

At all the branches of the Hospital there are cricket grounds, football and hockey grounds, lawn tennis courts (grass and hard courts), croquet grounds, golf courses, and bowling greens. Ladies and gentlemen have their own gardens, and facilities are provided for handicrafts, such as carpentry, etc.

For terms and further particulars apply to the Medical Superintendent (TELEPHONE: No. 2356 and 2357 Northampton), who can be seen in London by appointment.

# CHEADLE ROYAL HOSPITAL, Cheadle, Cheshire.

This REGISTERED HOSPITAL, with a SEASIDE BRANCH at Colwyn Bay, N. Wales, is for the treatment and care of those of the Upper and Middle Classes suffering from MENTAL AND NERVOUS DISEASES.

The Hospital is governed by a COMMITTEE, appointed by the TRUSTEES of the Manchester Royal Infirmary.

In addition to the Main Buildings there are separate villas. Extensive grounds. Hard and grass tennis courts, cricket and croquet grounds, and a court for badminton. There are also wireless installations. Golf may be had within easy distance. Occupational Therapy.

VOLUNTARY, TEMPORARY, AND CERTIFIED PATIENTS received.

The Hospital is nine miles from Manchester, 50 minutes by rail from Liverpool, and 3½ hours from London.

For terms and further particulars apply to the Medical Superintendent, who may be seen in Manchester BY APPOINTMENT. *Telephone: Gatley* 2231 (3 lines).

# CAMBERWELL HOUSE

Telegrams: "PSYCHOLIA, LONDON." 33, PECKHAM RD., LONDON, S.E.5. Telephone: Rodney 4242 (3 lines).

***For the treatment of MENTAL DISORDERS.***

Also completely detached Villas for Mild Cases, with private suites if desired. Voluntary Patients received. Twenty acres of Grounds. Hard and Grass Tennis Courts, Putting Greens, Bowls, Croquet, Squash Rackets, Recreation Hall with Badminton Court, and all indoor amusements, including Wireless and other Concerts, Occupational Therapy, Calisthenics, and Dancing Classes. X-ray and Actino-therapy, Prolonged Immersion Baths, Operating Theatre, Pathological Laboratory, Dental Surgery, and Ophthalmic Department. Chapel. **Shock and also modified insulin Therapy.**

Senior Physician: Dr. HUBERT JAMES NORMAN, assisted by a resident Medical Staff, and visiting Consultants.

An Illustrated Prospectus, giving fees which are strictly moderate, may be obtained upon application to the Secretary.

**The Convalescent Branch is Hove Villa, Brighton, and is 200 feet above sea level.**

# THE COTSWOLD SANATORIUM

First opened in 1898 and rebuilt in 1925 on the Cotswold Hills seven miles from Cheltenham, for the Treatment of Pulmonary and all other forms of Tuberculosis. Aspect S.S.W., sheltered from North and East, elevation 800 feet. Pure bracing air, SPECIAL TREATMENT by artificial PNEUMOTHORAX (X-ray controlled). TUBERCULINS, and ULTRA-VIOLET RAYS is available when necessary without extra charge. X-RAY plant, Fully Equipped Dental Department, Electric Light Radiators, hot and cold basins and Wireless in all rooms. Up-to-date drainage. Full day & night Nursing Staff. **Terms: 5½ to 9½ Guineas a week inclusive.**

*Med. Supt.:* GEOFFREY A. HOFFMAN, B.A., M.B., T.C. Dub. *Asst. Phys.:* MARGARET A. HARRISON, M.B., B.S. Lond. *Cons. Laryngologist:* G. N. BARKER, F.R.C.S. Edin., D.L.O. *Cons. Dent. Surgeon:* GEORGE V. SAUNDERS, L.D.S.R.C.S. Lond. *Phone:* 81 & 82 Witcombe. Apply: *The Secretary, The Cotswold Sanatorium, Cranham, Gloucester. Telegrams:* "Hoffman, Birdlip."

# COURT HALL, KENTON, near EXETER

FOR THE TREATMENT OF EIGHT LADIES, VOLUNTARY, TEMPORARY AND CERTIFIED PATIENTS

# CLIFFDEN, TEIGNMOUTH

FOR EARLY AND CONVALESCENT CASES Recreational Therapies are held daily by skilled Leaders

The house stands high with spacious balconies and extensive views of the South Devon Coast. Beautiful garden. Own Dairy in 25 acres. Private road to beach. There is also a charming house, **EBWORTHY, MANATON, DARTMOOR,** situated in 20 acres, 1100 ft. up for bracing moorland air.

*Resident Physicians*—BERTHA M. MULES, M.D., B.S. ANNE S. MULES, M.R.C.S., L.R.C.P.

*Telephones*—STARCROSS 259 and TEIGNMOUTH 289

# SHAFTESBURY HOUSE

FORMBY-BY-THE-SEA
Nr. LIVERPOOL

Specially built and licensed for the care and treatment of a limited number of Ladies and Gentlemen suffering from NERVOUS and MENTAL breakdown. Voluntary and certified patients received. Ladies also admitted as Temporary Patients without certification. Terms moderate. *Apply*, RESIDENT PHYSICIAN, who may be seen in Liverpool, by appointment. *Tel. No. 8 Formby.*

# PECKHAM HOUSE, 112, Peckham Road, London, S.E.15

**Telegrams: "Alleviated, London"** **Telephone: Rodney 2641-2642**

A Private Mental Hospital, for Ladies and Gentlemen suffering from Nervous and Mental Illness, where the amenities of a comfortable home are combined with full investigation and every well-established modern treatment.

Terms from 3½ guineas weekly.

Illustrated Prospectus may be obtained from the Physician Superintendent.

# TOR-NA-DEE SANATORIUM

Managing Director:
DAVID LAWSON, M.D., F.R.S.E.

**FOR THE TREATMENT OF PULMONARY TUBERCULOSIS AND ALLIED DISEASES**

Medical Superintendent: R. Y. KEERS, M.D.(Edin.)

For prospectus apply to The Secretary, Tor-na-Dee, Murtle, Aberdeenshire Telephone: Cults 107

# THE OLD MANOR SALISBURY

*A Private Hospital for the Care and Treatment of those of both sexes suffering from MENTAL DISORDERS.*

Extensive grounds. Detached Villas. Chapel. Garden and Dairy Produce from own farm. Terms very moderate.

**CONVALESCENT HOME AT BOURNEMOUTH** Detached Villas standing in 12 acres of ornamental grounds, with tennis courts, etc., which Voluntary, Temporary or Certified Patients may visit by arrangement for long or short period.

Illustrated Brochure on application to the Medical Superintendent. The Old Manor, Salisbury. Telephone: Salisbury 3216 and 3217

# THE PARK HOSPITAL

for

**FUNCTIONAL NERVOUS DISORDERS**

**OLD ROAD, HEADINGTON, OXFORD**

The above Hospital of 26 beds for patients of both sexes was opened in 1939 for the active treatment by psychotherapeutic and other methods of neuroses, psychoneuroses, and allied disorders. Full facilities for special investigations are available. Occupational Therapy.

The Hospital, which has extensive grounds, occupies a quiet and healthy situation on the outskirts of Oxford.

Fees are from £4.14.6 per week.

*Applications for admission should be made to The Medical Director, R. G. McInnes, Esq., M.R.C.P.E., D.Psych. Telephone: 6599 Oxford.*

# STRETTON HOUSE,

**Church Stretton, Shropshire.**

ESTABLISHED IN 1853.

A PRIVATE HOME for the treatment of gentlemen suffering from Mental and Nervous Illness, including the allied Disorders of Alcoholism and the Drug Habit. All types of early Mental and Nervous Cases are received without Certificates as Voluntary Patients under the provisions of the Mental Treatment Act, 1930 Bracing hill country. See "Medical Directory," p. 2358.—Apply to the Medical Superintendent. 'Phone 10 P.O. Church Stretton.

# THE MAGHULL HOMES FOR EPILEPTICS (Inc.)

MAGHULL (near LIVERPOOL)

**FARMING and OPEN AIR OCCUPATION for PATIENT**

A few vacancies in 1st and 2nd Class Houses.

FEES: 1st Class (men only) from £3 5s. per week upwards.
2nd Class (men and women) 32/- per week.

*For further particulars apply:* C. EDGAR GRISEWOOD, A.C.A., *Secretary*, 29, Exchange Street East, Liverpool, 2

# CHISWICK HOUSE,

PINNER, MIDDLESEX.

Telephone: PINNER 234.

A Private Hospital for the Treatment and Care of Mental and Nervous Illnesses in both Sexes.

A modern country house, 12 miles from Marble Arch, in attractive and secluded surroundings. Fees from 10 guineas per week inclusive. Cases under Certificate, Voluntary and Temporary Patients received for treatment.

DOUGLAS MACAULAY, M.D., D.P.M.

# CITY OF LONDON MENTAL HOSPITAL

**Near DARTFORD, KENT.**

Ladies and Gentlemen received for treatment under certificates, and without certificates as either VOLUNTARY or TEMPORARY PATIENTS, at a weekly fee of £2 9s., and upwards.

# Royal Free Hospital,

Gray's Inn-road, W.C.1.

Applications are invited from registered medical practitioners for the appointment of RESIDENT ASSISTANT MEDICAL REGISTRAR (B1). The duties will comprise mainly those of Casualty Officer.

Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply. Salary £550 per annum, payable by the Ministry of Health.

Applications, stating age, and accompanied by copies of three recent testimonials, should be sent to the undersigned (from whom all information may be obtained) on or before 5th April. Duties to commence 1st May, 1941.

RICHARD T. BARTLEY, Secretary.

# The Royal Cancer Hospital (Free)

(Incorporated under Royal Charter),
Fulham-road, London, S.W.3.

Applications are invited from registered medical practitioners for the appointment of RESIDENT MEDICAL OFFICER (B1), to commence duties on the 1st April, 1941. Applicants should have held house appointments and had surgical experience. The appointment is for twelve months at a salary at the rate of £350 per annum, with board, residence, and laundry. Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply.

Applications, to be made on a form which will be supplied by the Secretary, with copies of not more than three recent testimonials, to be sent to the Secretary not later than the first post on Monday, 17th March, 1941.

CLEMENT COBBOLD, Secretary.

## British Postgraduate Medical School.
(UNIVERSITY OF LONDON.)

Applications are invited from registered medical practitioners, Male and Female, for the appointment of HOUSE SURGEON (A) in the Department of Surgery and Department of Obstetrics, including R practitioners within three months of qualification. The appointment is for six months and carries a salary of £105 per annum, plus the usual residential emoluments.

Applications, stating age, qualifications with dates, and nationality, accompanied by copies of three recent testimonials, should be sent not later than Tuesday, 18th March, 1941, to the DEAN, British Postgraduate Medical School, Ducane-road, W.12.

## The Nelson Hospital, Merton, S.W.20.

Applications are invited from registered medical practitioners, including R practitioners within three months of qualification, for the appointment of RESIDENT HOUSE SURGEON (A) (Male), to become vacant on 1st April, 1941. If held by an R practitioner, appointment will be for a period of six months; otherwise it will be for six months in the first instance.

Salary at rate of £200 per annum, resident.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of recent testimonials, should be sent to the SECRETARY forthwith.

## The Willesden General Hospital,
Harlesden-road, N.W.10.
(136 Beds.)

Applications are invited from registered medical practitioners for the appointment of a CASUALTY OFFICER (A), to become vacant on 1st April, 1941, including R practitioners within three months of qualification. The appointment will be for a period of six months. Salary at the rate of £166 13s. 4d. per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than 21st March, 1941. J. N. DRAKE, Secretary.

## National Temperance Hospital,
Hampstead-road, N.W.1.

Applications are invited for the post of Two HOUSE SURGEONS under the M.S. (A posts), including R practitioners within three months of qualification. The appointments are for a period of six months, commencing immediately. Salary £120 per annum, with board, residence, and laundry.

Applications, stating qualifications, age, &c., with copies of not more than three testimonials, by March 18th, addressed to the SECRETARY.

## The Hostel of St. Luke,
CLERGY NURSING HOME,
14, Fitzroy-square, London, W.1.

APPOINTMENT OF RESIDENT MEDICAL OFFICER (B2).

Applications are invited from registered medical practitioners Male or Female (British nationality) for the appointment of Resident Medical Officer (B2) now vacant, including R practitioners who now hold A posts. If held by an R practitioner, the appointment will be limited to six months, otherwise it will be for a period of six months and may be renewable for a further period of six months. The salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with date, nationality, and recent post, accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.
J. A. CAMPBELL, Secretary.

## St. Mary's Hospital for Women and
CHILDREN, Upper-road, Plaistow, E.13.

Applications are invited from registered medical practitioners, including R practitioners within three months of qualifications, for RESIDENT HOUSE SURGEON (A).

Applications are also invited from registered medical practitioners, including R practitioners now holding A posts, for RESIDENT HOUSE PHYSICIAN (B2).

The appointments are for six months, and candidates must be British by birth and nationality or on the temporary Medical Register. Salary at the rate of £200 per annum, with board and residence.

Applications, with copies of recent testimonials, to be sent as soon as possible to the undersigned.
A. ERNEST WILKES, Secretary.

## The Royal Cancer Hospital (Free)
(Incorporated under Royal Charter),
Fulham-road, London, S.W.3.

Applications are invited for the post of HOUSE SURGEON (A), including R practitioners within three months of qualification, when appointment will be limited to six months, to commence duties on the 1st April, 1941. Candidates must be unmarried. Salary at the rate of £100 per annum. The appointment is for six months and subject to rules, a copy of which can be obtained from the Secretary.

Applications, to be made on a form which will be supplied by the Secretary, with copies only of not more than three recent testimonials, to be sent to the Secretary not later than the first post on Monday, 17th March, 1941.
CLEMENT COBBOLD, Secretary.

## Central London Nose, Throat & Ear
HOSPITAL, Gray's Inn-road, W.C.1.

OUT-PATIENT ASSISTANTS.

There are vacancies for attendants on Mondays, Tuesdays, and Thursdays. Mornings at 10 o'clock, afternoons at 2 o'clock. The posts are honorary and the duties are to assist the surgeons in seeing the old patients.

Applications should be made to
JOHN H. YOUNG, Secretary-Superintendent.

## Battersea General Hospital,
Battersea Park, S.W.11.

APPOINTMENT OF RESIDENT SURGICAL OFFICER (B1).

Applications are invited from registered medical practitioners for the appointment of Resident Surgical Officer. Applicants should have held house appointments and had surgical experience. Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply. Salary is at the rate of £200 per annum.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent to the SECRETARY of the Hospital immediately.

## Dreadnought Seamen's Hospital,
Greenwich.

Applications are invited from registered medical practitioners for the appointment of SENIOR MEDICAL OFFICER (B1), now vacant. R practitioners holding B2 or B1 posts may apply. Practical Surgical experience essential. Salary at the rate of £550 per annum, with full residential emoluments.

Applications, stating age, nationality, experience, and details of previous appointments, with copies of recent testimonials, to be sent to the undersigned immediately.
F. A. LYON, Secretary.
Dreadnought Seamen's Hospital, Greenwich, S.E.10.

## County Council of Middlesex.

APPOINTMENT OF CORONER.

Applications are invited for the appointment of Coroner for the Western District of Middlesex. Inclusive salary between £1374 and £1422 per annum (£300 of which is regarded as expenses of the office), according to age, with pension on non-contributory basis. Coroner provides at his own expense any office accommodation and travelling expenses, and defrays all other expenses of the office.

Forms of application, giving full details of the conditions and terms of appointment, obtainable from the undersigned.
C. W. RADCLIFFE, "B 3," Clerk of the County Council.
Guildhall, Westminster, S.W.1.

## Borough of Bermondsey.

TEMPORARY ASSISTANT MEDICAL OFFICERS.

Applications are invited from fully qualified and registered medical practitioners for two temporary appointments of Assistant Medical Officers.

The officers will act under the direction of the Medical Officer of Health and the duties will consist mainly of frequent day and night visits to public air-raid shelters, and such other duties as he may direct.

The salary will be at the rate of £600 per annum. The appointments will be terminable at any time by one month's notice on either side.

Applications, on forms to be obtained from the undersigned, and accompanied by copies of not more than three recent testimonials, must be delivered not later than Monday, March 17th, 1941.
S. E. FREEMAN, Town Clerk.
Municipal Offices, Spa-road, Bermondsey, S.E.

## Borough of Hendon.

TEMPORARY ASSISTANT MEDICAL OFFICER OF HEALTH AND ASSISTANT SCHOOL MEDICAL OFFICER.

The Council of the Borough of Hendon invite applications for the above appointment.

Applicants must be fully qualified medical practitioners and hold a Diploma in Public Health or an equivalent qualification.

The duties will be mainly in connexion with the Council's Maternity and Child Welfare and School Medical Services, but will include other duties under the direction of the Medical Officer of Health.

The salary is £600 per annum, rising by annual increments of £25 to a maximum of £750, with a car allowance of £50 per annum if the successful candidate provides a car for use in connexion with the duties.

The appointment will be of a temporary character, and subject to the Council's regulations relating to Temporary Officers.

The successful candidate will be required to pass a medical examination.

Applications, on forms to be obtained from the undersigned, together with copies of not more than three recent testimonials, must be sent to the undersigned not later than Friday, the 21st day of March, 1941.

Canvassing, either directly or indirectly, or submitting a testimonial from any member of the Council, will be deemed a disqualification.

Dated this 3rd day of March, 1941.
LEONARD WORDEN, Town Clerk.
Town Hall, Hendon, N.W.4.

# HIS MAJESTY'S COLONIAL SERVICE

## THE COLONIAL MEDICAL SERVICE

## VACANCIES FOR MEDICAL OFFICERS

**The maintenance of an efficient Colonial Medical Service constitutes a vital part of the national war effort and it is most important that the Service should be assured of an adequate supply of doctors.**

**The Secretary of State for the Colonies therefore invites applications from doctors possessing a medical qualification registrable in the United Kingdom who are British subjects and who are under thirty-five years of age.**

**Medical Officers are appointed in the first instance for general service. But there are ample opportunities for work in special branches of medicine and surgery, in public health and in medical research.**

**The normal salary scale is from £600 to between £1,000 and £1,120. There are large numbers of super-scale posts to which promotion is made on merit and which carry higher salaries.**

**Government quarters, in many cases free of rent, and first-class passages to and from the Colonies are provided, and an adequate pension scheme is in force.**

**Selected candidates are normally required to attend a course of instruction in Tropical Medicine and Hygiene either before proceeding overseas or during their first period of leave.**

**Further particulars, including the regulations governing admission to the Colonial Medical Service, may be obtained from the Director of Recruitment (Colonial Service), 29, Queen Anne's-gate, London, S.W.1.**

## County Council of Essex and Urban

DISTRICT COUNCIL OF THURROCK.

APPOINTMENT OF ASSISTANT COUNTY MEDICAL OFFICER AND ASSISTANT MEDICAL OFFICER OF HEALTH.

Applications are invited for the undermentioned appointments:—

| | *Commencing salary per annum.* |
|---|---|
| Assistant County Medical Officer .. .. | £168 |
| Assistant Medical Officer of Health for the Urban District of Thurrock .. .. | £432 |
| | £600 |

Applicants, Male or Female, must be duly qualified medical practitioners with special experience in Obstetrics, hold a Diploma in Public Health, and should not be over forty-five years of age. A candidate's period of service in the war of 1914–18 will be deducted.

The person appointed will be required to pass a medical examination, to contribute to the Superannuation Funds established by each Authority, and to reside in the Urban District of Thurrock.

The total salary of the person appointed will rise, subject to satisfactory service, by annual increments of £25 to £700. If the officer appointed undertakes on behalf of the Thurrock Urban District Council attendance at a Women's Welfare Clinic, an additional £12 12s. per annum will be payable by the District Council. A travelling allowance of £9 per annum is payable by the District Council, and a mileage allowance is payable by the Essex County Council for use of the officer's own car.

The appointment to the office of Assistant County Medical Officer will be subject to the Sick Pay Rules and Regulations of the County Council, a copy of which will be forwarded on application.

Applications on the prescribed form, which is obtainable from the undersigned, Christian Berridge, should be delivered at the County Hall, Chelmsford, not later than 10 A.M. on Monday, the 24th day of March, 1941.

CHRISTIAN BERRIDGE,
Deputy Clerk of the County Council.
A. E. POOLE,
Clerk to the Urban District Council of Thurrock.

County Hall, Chelmsford, 4th March, 1941.

## Sutton and Cheam General Hospital,

SUTTON, SURREY. (150 Beds.)

APPOINTMENT OF JUNIOR RESIDENT MEDICAL OFFICER (B2).

Applications are invited from registered medical practitioners, Male, for the appointment of Junior Resident Medical Officer, to become vacant on April 1st, 1941, including R practitioners who now hold A posts. The appointment will be limited to six months.

The salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the SECRETARY not later than March 15th, 1941.

## Royal Salop Infirmary, Shrewsbury.

APPOINTMENT OF RESIDENT HOUSE SURGEON (B2).

Applications are invited from fully qualified unmarried Men for the appointment of Resident House Surgeon (B2), to become vacant on March 30th next, including R practitioners who now hold A posts.

Salary £160 per annum, with board, residence, &c. The appointment is for a period of six months.

Applications, stating age, qualifications, and nationality, accompanied by copies of three recent testimonials, to be sent to the undersigned immediately.

J. W. NOBLE, Secretary-Superintendent.

Board Room, 3rd March, 1941.

## Staffordshire, Wolverhampton and

DUDLEY JOINT BOARD FOR TUBERCULOSIS.

APPOINTMENT OF RESIDENT MEDICAL SUPERINTENDENT, GROUNDSLOW SANATORIUM, TITTENSOR.

Applications are invited from registered medical practitioners (Male) for the above-mentioned appointment. The Sanatorium will have 118 Beds and all modern facilities for the diagnosis and treatment of pulmonary tuberculosis. Extensions are nearing completion.

Candidates must have had recent experience in the treatment of tuberculosis, including pneumo-thorax and X-ray work. They must have held residential appointments and administrative experience in a sanatorium will be considered an advantage.

The salary scale will be £895 per annum, rising bi-annually by £50 to a maximum of £1045 per annum. The candidate appointed will be required to reside in a modern house in the Sanatorium grounds and will be charged therefor a rent (inclusive of rates and water charges) of £95 per annum. No other emoluments will be provided.

The successful candidate will be required to devote the whole of his time to the duties of the office and will be under the control of the Medical Officer of the Joint Board.

The post is subject to the Local Government Superannuation Act, 1937, and the successful candidate will be required to pass satisfactorily a medical examination and to produce his birth certificate. The appointment will be subject to three months' notice on either side.

Applications, stating age, qualifications, and experience, accompanied by copies of three recent testimonials, should reach the undersigned not later than 22nd March, 1941.

Canvassing members of the Joint Board will be deemed a disqualification, and the candidate should state whether he is related to any such member.

H. L. UNDERWOOD, Clerk of the Joint Board.

County Buildings, Stafford, 26th February, 1941.

## Surrey County Council.

PUBLIC HEALTH DEPARTMENT.

GROVE ROAD HOSPITAL (375 Beds, including approximately 200 available for acute patients) AND INSTITUTION, RICHMOND.

Applications are invited for the temporary appointment of RESIDENT SURGEON (B1) at the above Hospital for the duration of the war. The commencing salary will be £600 per annum, rising by annual increments of £25 to a maximum of £700 per annum, plus full residential emoluments valued at £125 per annum. Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply.

Applicants must possess a higher surgical qualification and have had considerable operating experience, and the person appointed will be required to act as the Senior Medical Officer of the Hospital and Institution. The appointment will be terminable by one month's notice on either side.

Applications, giving full details of age, qualifications, and experience, and enclosing copies of three testimonials, should be sent to the County Medical Officer, County Hall, Kingston-on-Thames, so as to be received not later than Thursday, 13th March, 1941.

DUDLEY AUKLAND, Clerk of the Council.

County Hall, Kingston-on-Thames, 7th March, 1941.

## Dewsbury and District General

INFIRMARY, DEWSBURY. (100 Beds.)

Applications invited for the post of SECOND HOUSE SURGEON (A) (Male), vacant on April 1st, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Salary £150 per annum and emoluments. The duties are principally those of a House Physician and Casualty Officer.

The Infirmary is a modern Voluntary Hospital with usual Special Departments staffed by Visiting Specialists.

Applications, stating age, qualifications with dates, and nationality, together with copies of recent testimonials, to be addressed to SECRETARY-SUPERINTENDENT without delay.

## County Borough of Bolton.

BOROUGH ISOLATION HOSPITAL.

APPOINTMENT OF TEMPORARY RESIDENT ASSISTANT MEDICAL OFFICER.

Applications are invited from registered medical practitioners for the appointment of Temporary Resident Assistant Medical Officer (B1). Suitably qualified R practitioners holding B2 or B1 posts are invited to apply.

The duties will include the medical care of the patients in the Isolation Hospital, assisting in the Male Venereal Diseases Clinics, and such other work as the Medical Officer of Health may direct.

The person appointed will be required to reside at the Isolation Hospital. The salary will be £450, plus bonus, with emoluments valued at £150 per annum. Married quarters are not available. The appointment will be subject to the provisions of the Local Government Superannuation Acts, 1937 and 1939, and to the selected candidate passing a medical examination.

Forms of application, with particulars of the duties, may be obtained from the Medical Officer of Health, Public Health Department, Civic Centre, Bolton, and completed applications, with copies of three recent testimonials, should be sent to the undersigned not later than 19th March, 1941. Canvassing, directly or indirectly, will be a disqualification.

PHILIP S. RENNISON, Town Clerk.

Town Hall, Bolton, 28th February, 1941.

## Hull Corporation Health Department.

HULL CITY HOSPITAL.

TEMPORARY ASSISTANT RESIDENT MEDICAL OFFICER (A).

Applications are invited from registered medical practitioners, Male and Female, who must be single and not more than forty years of age, for the appointment of Temporary Assistant Resident Medical Officer (A) at the Hull City Hospital for Infectious Diseases, Cottingham, including R practitioners within three months of qualification. If held by an R practitioner, the appointment will be for a period of six months, otherwise it will be for a period of one year.

Salary £250 per annum, together with usual residential emoluments. If the appointment is extended for more than one year, the salary, subject to satisfactory service, will be increased by annual increments of £25 to a maximum of £350 per annum.

Application forms may be obtained from the Medical Officer of Health, Guildhall, Hull, to whom they should be returned not later than 10 A.M. on Monday, the 17th March, 1941.

## Derbyshire Royal Infirmary, Derby.

(General Hospital—416 Beds.)

APPOINTMENT OF HOUSE SURGEON (GENERAL SURGERY) (B2).

Applications are invited from registered medical practitioners for the appointment of House Surgeon (General Surgery) (B2), including R practitioners who hold A posts and who have not completed a five-months' tenure of those posts. If held by an R practitioner, the appointment will be limited to six months. Otherwise it will be for a period of twelve months.

Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

ARTHUR TAYLOR, Superintendent and Secretary.

## County Council of Durham.

HOLYWOOD HALL SANATORIUM, WOLSINGHAM.

(183 Beds.)

ASSISTANT RESIDENT MEDICAL OFFICER (B1)

Applications are invited for the post of Assistant Resident Medical Officer (B1) (Male or Female) at a salary of £350 per annum, with board, residence, and laundry in addition, valued at £150 per annum. Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply.

The appointment is in the first instance for a period of twelve months, and will be subject to the regulations for the time being of the County Council relative to the payment of salary in the case of sickness, and will be terminable by one calendar month's notice on either side. If the appointment is extended beyond one year the appropriate increments, in accordance with the Askwith Scale, will be made.

The successful candidate will be required to pass the County Council's medical examination.

Applications, stating age and experience, together with copies of three recent testimonials, to be sent to the County Medical Officer of Health, Shire Hall, Durham, not later than Monday, the 17th March, 1941.

J. K. HOPE, Clerk of the County Council.

Shire Hall, Durham, 24th February, 1941.

## Royal Eye & Ear Hospital, Bradford

(94 Beds.)

HOUSE SURGEON (A) (Male or Female) wanted for April 1st. R practitioners within three months of qualification may apply. Salary £180 per annum, with board, residence, and laundry. If held by an R practitioner the appointment will be for a period of six months.

Applications, stating age, nationality, with copies of recent testimonials, to be sent to the undersigned.

F. BRIGGS, Secretary-Superintendent.

## The King Edward VII Welsh National

MEMORIAL ASSOCIATION.

Applications are invited from registered medical practitioners, Male and Female, for the appointment of ASSISTANT RESIDENT MEDICAL OFFICER (B2) to become vacant immediately, including R practitioners who now hold A posts. If held by an R practitioner the appointment will be limited to six months; otherwise it will be for a period of one year.

The salary is at the rate of £200 per annum, with full residential emoluments.

The vacancy occurs at the North Wales Sanatorium, Denbigh (247 beds for pulmonary female patients and surgical tuberculosis in men, women and children—*excluding* 150 M.S. beds for tuberculous Service and ex-Service men).

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than Wednesday, March 12, 1941.

D. A. POWELL, Principal Medical Officer.

Memorial Offices, Cathays Park, Cardiff, February 25, 1941.

## City of Birmingham

MATERNITY AND CHILD WELFARE DEPARTMENT.

BABIES' HOSPITAL, CANWELL HALL, NEAR SUTTON COLDFIELD. (84 Beds.)

A RESIDENT MEDICAL OFFICER (A) is required on April 1st for a period of six months. R practitioners within three months of qualification may apply.

The Hospital deals with children under five years of age suffering with acute and chronic medical conditions.

The Resident Medical Officer will also be required to take two child welfare sessions weekly at the Maternity and Child Welfare Centres in the City of Birmingham.

Salary £350 per annum, with board, residence and laundry.

Applications, with copies of three testimonials, to be sent on or before March 12th, to the Medical Officer of Health, The Council House, Congreve Street, Birmingham, 3.

## County Borough of Wolverhampton.

SENIOR ASSISTANT MEDICAL OFFICER OF HEALTH.

The Corporation invite applications for the post of Senior Assistant Medical Officer of Health (Male) at a salary of £750 per annum, to be subject to percentage deductions in accordance with the provisions of the Local Government Superannuation Act, 1937, together with a car allowance in accordance with Class II of the Council's scale. The successful candidate will be required to pass a medical examination and to devote the whole of his time to the duties of the office.

The appointment will be terminable by two months' notice on either side.

Applicants must hold a registrable degree or diploma in Public Health and have had at least three years' experience since qualification. Preference will be given to candidates who have held a resident post in an Infectious Diseases Hospital and have had special experience in Maternity and Child Welfare work and Civil Defence Casualty Organisation.

Applications, endorsed "Senior Assistant Medical Officer," giving age, degrees and qualifications, and particulars of previous post-graduate experience, accompanied by copies of three recent testimonials, must be received by me not later than 14th March, 1941.

J. BROCK ALLON, Town Clerk.

Town Hall, Wolverhampton, February, 1941.

## Lancashire County Council.

COUNTY HOSPITAL, WHISTON, Near PRESCOT.

APPOINTMENT OF RESIDENT MEDICAL OFFICER (B1).

Applications are invited from registered medical practitioners for the appointment of Resident Medical Officer at the above Hospital. Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply. The Hospital is a general hospital dealing with acute work and comprising 800 beds.

Applicants must have held previous hospital appointments in which they have gained experience in clinical medicine and pathology, and they should hold one of the higher medical qualifications.

The salary is at the rate of £400 per annum, together with the usual residential emoluments. The appointment is for a period of one year in the first instance, but may be renewed for a further period of one year.

The successful applicant for the above appointment will be required to pass a medical examination and to contribute under the Local Government Superannuation Act, 1937. The person appointed will be required to take up duty as early as possible.

Forms of application may be obtained from the County Medical Officer of Health, Hospital and Medical Department, County Offices, Preston, to whom all applications must be returned not later than Monday, 24th March, 1941.

GEORGE ETHERTON, Clerk of the County Council.

County Offices, Preston, 24th February, 1941.

## Burton-on-Trent General Infirmary.

Applications are invited from registered medical practitioners (Male) for the appointment of CASUALTY OFFICER AND HOUSE PHYSICIAN (A), to commence duty April, including R practitioners within three months of qualification. If held by an R practitioner appointment will be for six months. Salary at the rate of £150 per annum, with usual emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, to be sent to

E. W. THORNLEY, Superintendent and Secretary.

## Rochdale Infirmary and Dispensary,
LANCS. (110 Beds.)

APPOINTMENT OF HOUSE PHYSICIAN (A).

The Board of Management invites applications for the appointment of House Physician (A appointment) now vacant, including R practitioners within three months of qualification. If held by R practitioner, appointment will be for a period of six months. The duties include work in the Out-patient, Aural, Ophthalmic, &c. Departments as well as in the wards. The Hospital covers a large industrial area, and affords excellent opportunity for experience.

Salary attached to the appointment is at the rate of £150 per annum, including board, residence, and laundry.

The successful candidate will be required to be a member of a medical defence society.

Applications, stating age, nationality, &c., together with copies of three recent testimonials, to be sent to the Secretary.

W. WYNNE, Secretary.

Infirmary Office, Rochdale.

## Rochdale Infirmary and Dispensary,
LANCS. (110 Beds.)

APPOINTMENT OF SENIOR HOUSE SURGEON (B2).

Applications are invited from registered medical practitioners, including R practitioners who now hold A posts, for the appointment of Senior House Surgeon (B2 appointment).

If held by an R practitioner, appointment will be limited to six months.

The salary attached to the appointment is at the rate of £200 per annum, with board, residence, laundry, &c.

Applications, stating age, qualifications, and nationality, accompanied by copies of three recent testimonials, to be sent to the undersigned immediately.

The successful candidate must be a member of a medical defence society.

W. WYNNE, Secretary.

Infirmary Office, Rochdale.

## Rochdale Infirmary and Dispensary,
LANCS. (110 Beds.)

APPOINTMENT OF SECOND HOUSE SURGEON (A).

The Board of Management invites applications for the appointment of Second House Surgeon (A appointment) now vacant, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months.

Salary attached to the appointment is at the rate of £150 per annum, including board, residence, and laundry.

Applications, stating age, nationality, &c., together with copies of three recent testimonials, to be sent to the Secretary.

The successful candidate must be a member of a medical defence society.

W. WYNNE, Secretary.

Infirmary Office, Rochdale.

## The Corbett Hospital, Stourbridge,
WORCS.

Special Departments and Beds (212).

APPOINTMENT OF RESIDENT SURGICAL OFFICER (B1).

Applications are invited from registered medical practitioners for the appointment of Resident Surgical Officer, to become vacant shortly.

Applicants should have held house appointments and had surgical experience. Preference will be given to candidates holding diplomas of F.R.C.S. Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply. Salary is at the rate of £300 to £350, according to experience.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent to the undersigned forthwith.

W. G. H. WESTON, Secretary.

## Leigh Infirmary, Lancs.

Applications are invited from Male registered medical practitioners, for the appointment of HOUSE SURGEON (A), to become vacant on the 1st April, including R practitioners within three months of qualification. If held by an R practitioner, the appointment will be for a period of six months. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than 17th March, 1941.

B. R. CARTER, Secretary-Superintendent.

## Woodend/Oldmill General Hospitals.

Applications are invited from registered medical practitioners for the appointment—now vacant—of a GENERAL SURGICAL OFFICER (B1). Applicants should have held House appointments and have had surgical experience. Preference will be given to candidates holding a higher qualification in surgery. Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply. Salary for post is £350 per annum, rising by annual increments of £25 to £450 per annum, together with board and lodging.

Applications, stating age, nationality, qualifications with dates, and experience, and accompanied by copies of three recent testimonials, should be lodged with the undersigned not later than 13th March, 1941.

HARRY J. RAE, Medical Officer of Health.

4, Albyn-place, Aberdeen, 24th February, 1941.

## General Hospital, Nottingham.
(501 Beds.)

Applications are invited from registered medical practitioners (Male and Female), including R practitioners within three months of qualification, for the appointment of RESIDENT CASUALTY OFFICER (A) for the above Hospital—duties to commence as soon as possible. The appointment is for six months. Salary at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and copies of testimonials, should be sent to the undersigned.

HENRY M. STANLEY, House Governor and Secretary.

## General Hospital, Nottingham.
(501 Beds.)

Applications are invited from registered medical practitioners (Male or Female), including R practitioners within three months of qualification, for the appointment of a HOUSE PHYSICIAN (A) for the above Hospital, duties to commence on or about April 13th. The appointment is for six months. Salary at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and copies of testimonials, should be sent to the undersigned.

HENRY M. STANLEY, House Governor and Secretary.

## Hull Royal Infirmary.

Applications are invited from registered medical practitioners (Male), including R practitioners within three months of qualification, for the post of CASUALTY OFFICER (A) vacant now.

Applications are also invited for the post of HOUSE PHYSICIAN (B2), vacant February 28th. The post is recognised for the M.D. (London) examination.

If either of the above posts is held by an R practitioner, the appointment will be limited to six months.

The salary for each post is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of recent testimonials, should be sent to the undersigned.

R. J. CARLESS, House Governor.

## North Staffordshire Royal Infirmary,
STOKE-ON-TRENT.

Applications are invited from registered medical practitioners, including R practitioners who now hold A posts, for the post of ORTHOPÆDIC HOUSE SURGEON (B2). Previous orthopædic experience is desirable for this post, which is tenable for six months. The Orthopædic Department serves one of the largest fracture clinics in the country and offers exceptional experience.

Salary is at the rate of £150–£200 per annum, according to experience, with board, residence and laundry.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

THORNBURROW GIBSON, Secretary and House Governor.

## Rotherham Hospital.
(210 Beds.)

CASUALTY OFFICER (A).

Applications are invited from registered medical practitioners (Male) for the above appointment, to become vacant on the 1st April, including R practitioners within three months of qualification. If held by an R practitioner the appointment will be for a period of six months. Salary £175 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

T. H. FLETCHER, Secretary-Superintendent.

Rotherham Hospital, Doncaster Gate, Rotherham, Yorks.

## Grimsby and District Hospital.

APPOINTMENT OF RESIDENT SURGICAL OFFICER (B1).

Applications are invited from registered medical practitioners for the appointment of Resident Surgical Officer. Applicants should have held house appointments and had surgical experience. Suitably qualified R practitioners holding B2 or B1 posts may apply. Preference will be given to candidates holding Diploma of F.R.C.S. Salary is at the rate of £300 per annum.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

H. B. COATES, Secretary-Superintendent.

## The Guest Hospital, Dudley.
(The Resident Staff consists of a Resident Surgical Officer and Three House Surgeons.)

Applications are invited from registered medical practitioners, Male, for the appointment of HOUSE SURGEON (A) now vacant, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Salary at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned forthwith.

H. RAYMOND HURST, House Governor and Secretary.

28th February, 1941.

## County Council of Durham.

EDUCATION DEPARTMENT.

TEMPORARY ASSISTANT SCHOOL MEDICAL OFFICER.

The County Education Committee invite applications for the post of Temporary Assistant School Medical Officer, to act under the School Medical Officer in connexion with the inspection of school-children and such other duties as may be required by the Education Committee.

Commencing salary £500 per annum (provided the candidate has had not less than three years' post-graduate experience), rising by annual increments of £25 to £700 per annum, together with travelling expenses according to the County Scale.

The successful candidate will be required to devote his whole time to the duties of the office and reside in or near the district to which he will be attached, at a place to be approved by the Education Committee.

The appointment will automatically terminate on the return from War Service of the officer whose post is being temporarily filled, otherwise by three months' notice on either side expiring on the last day of any calendar month.

Applicants must have had experience in the work of school medical inspection, and preference will be given to candidates who (*a*) have had experience in the work of School Clinics; (*b*) have been accustomed to make special reports on Mentally Defective, Physically Defective, Epileptic, and other Defective Children.

The possession of a Diploma in Public Health is desirable though not essential.

Canvassing, directly or indirectly, is prohibited and will disqualify. A deduction will be made from the salary in accordance with the Local Government Superannuation Act, 1937, and the appointment will be subject to the candidate passing the medical examination in connexion therewith.

Other terms and conditions of appointment (including conditions relative to payment of salary in case of sickness) to be in accordance with the County Regulations.

Forms of application, to be returned not later than Saturday, March 22nd, 1941, may be obtained from the Director of Education, Shire Hall, Durham, on receipt of a stamped addressed foolscap envelope.

THOS. B. TILLEY, Director of Education.

Shire Hall, Durham, February 24th, 1941.

## City of Manchester.

MONSALL HOSPITAL FOR INFECTIOUS DISEASES. (600 Beds.)

APPOINTMENT OF JUNIOR RESIDENT ASSISTANT MEDICAL OFFICERS (A).

Applications are invited from registered medical Men for the above appointment, which will become vacant on March 20th, 1941, including R practitioners within three months of qualification. The appointment will be for a period of six months, renewable for a further six months. If held by an R practitioner the appointment will be for a period of six months.

Preference will be given to candidates who have held resident surgical and medical posts in a general hospital and have taken the Diploma in Public Health or had special experience in bacteriology.

The salary for the appointment is at the rate of £250 per annum or, if held by an R practitioner as above, £125 per annum, with full residential emoluments in addition, subject to the Manchester Corporation conditions of service.

Full information and forms of application may be obtained from the Medical Officer of Health, Hospitals Administration Section, P.O. Box No. 399, Town Hall, Manchester, 2, and applications for the post must be received by him not later than March 19th, 1941.

Canvassing in any form is prohibited.

R. H. ADCOCK, Town Clerk.

Town Hall, Manchester, 2, February 25th, 1941.

## Grosvenor Sanatorium, Ashford, Kent.

APPOINTMENT OF AN ASSISTANT MEDICAL OFFICER (A).

Applications are invited from registered medical practitioners, Male and Female, including R practitioners within three months of qualification, for the appointment of an Assistant Medical Officer (A), to become vacant on March 28th, 1941. If held by an R practitioner the appointment will be for a period of six months. Salary is at the rate of £225, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than March 14th, 1941.

B. ROBERTS, Medical Superintendent.

Grosvenor Sanatorium, Ashford, Kent.

## Manchester Royal Eye Hospital.

Applications are invited from registered medical practitioners, male and female, for the appointments of two HOUSE SURGEONS (A) now vacant, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Salary is at the rate of £120 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than the 15th March, 1941.

H. R. NORTH, Gen. Supt. and Secretary.

## Durham County Council and Barnard

CASTLE URBAN AND RURAL DISTRICT COUNCILS.

ASSISTANT SCHOOL MEDICAL OFFICER AND MEDICAL OFFICER OF HEALTH.

Applications are invited for the post of Medical Officer who will act as Assistant School Medical Officer for the Durham County Education Authority and as Medical Officer of Health for the Barnard Castle Urban and Rural District Councils.

The salary will be at the rate of £800 per annum. Travelling expenses will be payable according to the County Scale in respect of the work of Assistant School Medical Officer.

The successful candidate will be required to devote six-elevenths of his time to the duties of Assistant School Medical Officer and five-elevenths to the duties of Medical Officer of Health. Salary will be paid by the two authorities in the same proportion.

Applicants should have experience in the work of School Medical Inspection, and preference will be given to candidates who—

(*a*) Have had experience in the work of School Clinics;
(*b*) Have been accustomed to make special reports on Mentally Defective, Physically Defective, Epileptic, and other Defective Children.

The possession of a Diploma in Public Health is essential.

The appointment will continue until terminated (*a*) by the termination of the appointment as Medical Officer of Health in accordance with Section 110 of the Local Government Act, 1933, or (*b*) as Assistant School Medical Officer by three calendar months' notice given by the officer in writing and ending on the last day of any calendar month.

The appointment will be subject to the approval of the Board of Education and the Minister of Health, and the person appointed will not be permitted to engage in private practice.

The person appointed will be required to reside in or near Barnard Castle.

Canvassing, directly or indirectly, is prohibited and will disqualify.

The appointment will be subject to the provisions of the Local Government Superannuation Act, 1937, and the candidate will be required to pass the medical examination in connexion therewith.

Other terms and conditions of appointment (including conditions relative to payment of salary in case of sickness) to be in accordance with the County Regulations.

Forms of application, to be returned not later than Saturday, March 22nd, 1941, may be obtained from the Director of Education, Shire Hall, Durham, on receipt of a stamped addressed foolscap envelope.

THOS. B. TILLEY, Director of Education.

Shire Hall, Durham, February 24th, 1941.

## The Bolton Royal Infirmary.

(242 Beds.)

Applications are invited from registered medical practitioners, Male and Female, for the appointment of a HOUSE SURGEON (A), to become vacant on 1st April, including R practitioners within three months of qualification. The appointment is for six months. Salary at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than 14th March, 1941.

H. AUBREY FROGGATT, Superintendent-Secretary.

## Grimsby and District Hospital.

APPOINTMENT OF HOUSE PHYSICIAN (A).

Applications are invited from Male or Female registered medical practitioners for the appointment of a House Physician (A), including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Salary is at the rate of £175 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

H. B. COATES, Secretary-Superintendent.

26th February, 1941.

## Salford Royal Hospital.

APPOINTMENT OF A HOUSE SURGEON (A).

Applications are invited from registered medical practitioners, Male and Female, for the appointment of House Surgeon (A), now vacant, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Salary is at the rate of £125 per annum, with full residential emoluments.

Applications should be made at once on the prescribed form, which is obtainable from the undersigned.

H. B. SHELSWELL, General Superintendent and Secretary.

## Wrexham and East Denbighshire War

MEMORIAL HOSPITAL. (206 Beds.)

Applications are invited from registered medical practitioners (Male or Female) for the appointment of RESIDENT HOUSE SURGEON (A), including R practitioners within three months of qualification. The appointment is for a period of six months. Salary £150 per annum, with full residential emoluments.

Applications, stating age, nationality, experience, and qualifications, with copies of three recent testimonials, to be sent to the undersigned immediately.

LESLIE SPENCER, Secretary.

## County of Somerset.

APPOINTMENTS OF MEDICAL OFFICER OF HEALTH AND SCHOOL MEDICAL OFFICER FOR THE BOROUGH OF BRIDGWATER, MEDICAL OFFICER OF HEALTH FOR THE RURAL DISTRICT OF BRIDGWATER AND FOR THE BRIDGWATER PORT HEALTH AUTHORITY, AND ASSISTANT COUNTY MEDICAL OFFICER.

Applications are invited from duly qualified medical practitioners who are registered in the Medical Register as holders of Diplomas in Sanitary Science, Public Health, or State Medicine, for the above appointments which it is intended shall be held by the same person.

The duties as Assistant County Medical Officer will include school medical inspection and venereal disease work, and medical officer of the County Small-pox Hospital.

The officer appointed will be required to devote his whole time to the duties of the above-mentioned appointments and will be restricted from engaging in private practice as a medical practitioner. He will be required to perform all the duties prescribed by statute or regulation and such other duties as may from time to time be assigned to him by the County Council or by the District Council.

The aggregate commencing salary will be £800, rising by annual increments of £25 to £900 a year.

Travelling allowance for the use of the officer's motor-car will be paid in accordance with the County Scale, and office accommodation and clerical assistance will be provided.

The appointment is subject to the Local Government Superannuation Act, 1937, and the successful candidate must pass satisfactorily a medical examination. He will be required to commence his duties on the 1st July, 1941, and to reside in or near the Borough of Bridgwater.

Applications, stating age, qualifications, diplomas, and experience, must be accompanied by copies of not more than three recent testimonials, and must be sent to the Clerk of the County Council, County Hall, Taunton, so as to reach him not later than 19th March, 1941, in envelopes endorsed "District Medical Officer."

Further particulars and conditions of appointment may be obtained from the Clerk of the County Council on receipt of a stamped and addressed foolscap envelope.

Canvassing, directly or indirectly, will be deemed a disqualification.

HAROLD KING,
Clerk of the Somerset County Council.
H. A. CLIDERO,
Town Clerk of Bridgwater and Clerk of the Bridgwater Port Health Authority.
H. G. BLAY,
Clerk to the Bridgwater Rural District Council.

February, 1941.

## Government of Southern Rhodesia.

PUBLIC HEALTH DEPARTMENT.

WHOLE-TIME MEDICAL INSPECTOR OF SCHOOLS.

A whole-time Male Medical Officer is required to carry out the medical inspection of children attending the Government and State-aided schools in Southern Rhodesia. The Medical Inspector will be required, in addition, to undertake any duties connected with public health which the Medical Director may assign to him from time to time.

He will be attached to the Public Health Department and will work under the supervision of the Medical Director of the Colony. Private practice is not permitted. The applicant should not be over thirty-five years of age, and should hold a Diploma in Public Health, and should have had at least five years' experience since qualification.

The salary will be £800 per annum, rising by £50 to £1100 per annum. Travelling and subsistence allowances are payable in accordance with the Civil Service regulations of the Colony, or a commuted allowance may be paid in lieu thereof. The successful applicant may be appointed to a step in the Grade not to exceed four steps, dependent on experience. The first two years will be considered probationary and the successful applicant will be entitled to a second-class mail boat passage from England to South Africa, plus a first-class rail fare from Cape Town to Salisbury. Salary will commence from the date of assumption of duty in Salisbury.

Application should include a full statement of education, qualifications, experience, past and present appointments held, and must be supported by a certified birth certificate, copies of medical registration certificates or registrable diplomas, &c., together with testimonials or other references.

The successful applicant will be required to undergo a medical examination prior to departure from this country.

Applications will be received by the OFFICIAL SECRETARY, Office of the High Commissioner for Southern Rhodesia, Rhodesia House, 429, Strand, London, W.C.2 (from whom application form can be obtained), up to and including 21st March, 1941.

## Southport General Infirmary.

(150 Beds.)

Wanted at once, a HOUSE PHYSICIAN (A) (Male or Female). Salary £150 per annum, with residence, board, and laundry.

Applicants to be fully qualified, registered, and unmarried. R practitioners within three months of qualification are invited to apply. If held by an R practitioner, appointment will be for a period of six months.

Applications, stating age and experience, with copies of testimonials, to be sent in at once to the SUPERINTENDENT, The Southport Infirmary.

## Christie Hospital and Holt Radium

INSTITUTE, WITHINGTON, MANCHESTER, 20.

APPOINTMENT OF SECOND RESIDENT SURGICAL OFFICER (B2).

Applications are invited from registered medical practitioners, Male and Female, for the appointment of Second Resident Surgical Officer (B2), to become vacant on May 1st, including R practitioners who now hold A posts. If held by an R practitioner the appointment will be limited to six months. Otherwise it will be for a period of twelve months. The salary is at the rate of £150 per annum, rising to £200 per annum.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than March 21st, 1941.

PERCY N. GLASS, Superintendent.

## Papworth Village Settlement.

(520 Beds.)

APPOINTMENT OF ASSISTANT MEDICAL OFFICER (B1).

Applications are invited for the appointment of an Assistant Medical Officer, at a salary of £300 per annum, with board and residence, for a period of six months in the first place. Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply, stating age, qualifications, sex, and nationality, and accompanied by copies of three recent testimonials, which should be sent to the CHIEF MEDICAL OFFICER, Papworth Village Settlement, Papworth Hall, Cambridge.

## Kent and Sussex Hospital,

ROYAL TUNBRIDGE WELLS.

APPOINTMENT OF RESIDENT ANÆSTHETIST AND EAR, NOSE, AND THROAT HOUSE SURGEON (B2).

Applications are invited from registered medical practitioners (Male) for the appointment of Resident Anæsthetist and Ear, Nose, and Throat House Surgeon (B2), to become vacant during the month of March, including R practitioners who now hold A posts. If held by an R practitioner the appointment will be limited to six months. Otherwise it will be for a period of six months. The salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

TOM B. HARRISON, Superintendent-Secretary.

28th February, 1941.

## Wolverhampton & Midland Counties

EYE INFIRMARY.

Applications are invited from registered medical practitioners, Male and Female, for the appointment of HOUSE SURGEON (B2), with Ophthalmic experience preferred, to become vacant on 1st April, 1941, including R practitioners who now hold A posts. If held by an R practitioner the appointment would be limited to six months. The salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, experience, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than 17th March.

There are 45 Beds for In-patients and large Out-patients' Department. The Infirmary is recognised as a hospital at which a full course of instruction for admission to the D.O.M.S. may be taken.

EUSTACE LEES, Secretary.

## Addenbrooke's Hospital, Cambridge.

APPOINTMENT OF HOUSE OFFICER (A) TO THE LEYS SCHOOL ANNEXE.

Applications are invited from registered medical practitioners (unmarried), Male and Female, including R practitioners within three months of qualification, for the appointment of House Officer (A) to the Addenbrooke's Hospital Leys School Annexe (77 Beds, of which 35 are for Ear, Nose, and Throat cases and 42 for Medical and Surgical cases). The appointment will commence as soon as possible, and is for a period of six months, but is terminable at an earlier date by one month's written notice on either side. Salary at the rate of £130 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than March 19th, 1941.

J. A. BEARDSALL, Secretary-Superintendent.

## Horton General Hospital, Banbury.

Applications are invited from qualified medical Men or Women for the following posts:—

(a) SENIOR RESIDENT MEDICAL OFFICER (B2 post). Salary £180 per annum, with board, residence, and laundry. R practitioners now holding A posts may apply.

(b) JUNIOR RESIDENT MEDICAL OFFICER (A post). Salary £150 per annum, with board, residence, and laundry. R practitioners within three months of qualification may apply, when appointment will be limited to six months.

Applications, giving age, sex, and experience, to be addressed to RICHARD H. PRESCOTT, Secretary and House Governor.

Horton General Hospital, Banbury, Oxon.

## North Riding Infirmary, Middlesbrough

(General Hospital—143 Beds—Three Residents.)

Applications are invited from registered medical practitioners, including R practitioners within three months of qualification, for the appointment of CASUALTY HOUSE SURGEON (A) which is now vacant. Salary £150 per annum, with board, residence, and laundry. Appointment will be for six months.

Applications, stating age, qualifications, and accompanied by copies of recent testimonials, should be sent to the undersigned forthwith.

GERALD A. KENYON, Secretary-Superintendent.

## North Riding Infirmary,

MIDDLESBROUGH.

(General Hospital: 143 Beds—Three Residents.)

Applications are invited from qualified medical practitioners (including R practitioners within three months of qualification) for the appointment of HOUSE SURGEON (A), which will become vacant on the 1st March, 1941. Salary £170 per annum, with board, residence, and laundry. If held by an R practitioner, appointment will be for a period of six months.

Applications, stating age, qualifications, and accompanied by copies of recent testimonials, should be sent to the undersigned forthwith.

GERALD A. KENYON, Secretary-Superintendent.

## Victoria Hospital, Accrington.

APPOINTMENT OF TWO HOUSE SURGEONS (A).

Applications are invited from registered medical practitioners for appointment of Two House Surgeons (A), including R practitioners within three months of qualifying.

If held by an R practitioner appointment will be for a period of six months.

Salary rate £175 per annum, with full residential emoluments in each case.

Application, stating age, qualifications, and nationality, and accompanied by copies of three recent testimonials, to be sent to the undersigned.

J. KENYON, Financial Secretary.

## Royal South Hants and Southampton

HOSPITAL. (319 Beds.)

Applications are invited from registered medical practitioners, Male and Female, for the appointment of RESIDENT ANÆSTHETIST (B2), including R practitioners who now hold A posts. The appointment will be for a period of six months. Salary at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three testimonials, to be sent to the undersigned as soon as possible.

EDWARD L. WIRGMAN, House Governor and Secretary.

## Huddersfield Royal Infirmary.

(321 Beds.)

Male HOUSE SURGEON (an A appointment) required to be attached to EYE, EAR, NOSE AND THROAT DEPARTMENTS. Duties to commence on 18th March, 1941, and will include the administration of anæsthetics. R practitioners within three months of qualification may apply. Salary £150 per annum, with board, residence, and laundry. Appointment for six months, subject to renewal for a similar period. If held by an R practitioner the appointment will be for a period of six months.

Applications, with copies of three recent testimonials, to be addressed to the undersigned.

H. J. JOHNSON, General Superintendent and Secretary.

## The Children's Hospital, Sheffield

(INC.) (157 Beds.)

Applications are invited from registered medical practitioners, Male and Female, for the appointment of HOUSE SURGEON (A), to become vacant on 1st February, 1941, including R practitioners within three months of qualification. Appointment is for a period of six months. Salary at the rate of £100 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

T. H. G. GARTLAND, Superintendent and Secretary.

## Cheshire County Council.

CLATTERBRIDGE (COUNTY) GENERAL HOSPITAL (near BIRKENHEAD).

JUNIOR RESIDENT ASSISTANT MEDICAL OFFICER (MALE) (A).

Applications are invited from registered medical practitioners (Male), including R practitioners within three months of qualification, for the above appointment at a salary of £250 per annum, together with the usual residential allowances.

If held by an R practitioner, appointment will be for a period of six months, otherwise it may be renewed for a further period of six months.

There is a Non-resident Medical Superintendent, a Resident Deputy Medical Superintendent, and a Consulting Staff from Teaching Hospitals.

Applications to be made on forms obtainable from the undersigned, and returned not later than the 20th March, 1941.

IAN MACKAY, County Medical Officer of Health.

County Public Health Department,
24, Nicholas-street, Chester.

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## Chorley and District Hospital,

CHORLEY, LANCS.

(Voluntary General Hospital with 100 Beds.)

Applications are invited from registered medical practitioners, Male and Female, for the appointment of HOUSE SURGEON (A), including R practitioners within three months of qualification, to commence duty in this month. If held by an R practitioner, appointment will be for a period of six months, otherwise the appointment is renewable for a further period. Salary £150 per annum.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned at once.

C. H. SPENCE, Secretary-Superintendent.

## Royal Albert Edward Infirmary and

DISPENSARY, WIGAN.

(189 Beds.)

APPOINTMENT OF A HOUSE SURGEON (A).

Applications are invited from registered medical practitioners (Male), including R practitioners within three months of qualification, for the appointment of a House Surgeon (A), now vacant. If held by an R practitioner, appointment will be for a period of six months. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned without delay.

A. STANLEY BRUNT,
General Superintendent and Secretary.

13th February, 1941.

## Royal Sheffield Infirmary and Hospital.

Applications are invited from registered medical practitioners for the appointments of NON-RESIDENT WHOLE-TIME CLINICAL ASSISTANTS (B2 posts) to the EAR, NOSE, AND THROAT DEPARTMENTS at the Royal Infirmary and Royal Hospital, Sheffield, now vacant.

Applicants should have held house appointments and had experience. Suitably qualified R practitioners holding A appointments are invited to apply. Salary £300 per annum.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by three recent testimonials, should be sent to the undersigned forthwith.

W. H. BOOTH, Secretary.

West-street, Sheffield.

## Royal Sheffield Infirmary and Hospital.

THE ROYAL INFIRMARY, SHEFFIELD, 6.

Applications are invited from registered medical practitioners (Male and Female) for the following appointments:—

HOUSE SURGEON (A)
HOUSE PHYSICIAN (A)

now vacant, including R practitioners within three months of qualifications. The appointments will be tenable for six months. Salary is at the rate of £80 per annum, with full residential emoluments.

Applications, stating age, qualifications, with dates and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned forthwith.

H. KINGSLEY PEARCE,
General Superintendent and Secretary.

4th February, 1941.

## County of Lincoln—Parts of Lindsay.

PUBLIC HEALTH DEPARTMENT.

COUNTY INFIRMARY, LOUTH, LINCS.
MEDICAL SERVICE HOSPITAL.

APPOINTMENT OF RESIDENT MEDICAL OFFICER (B2).

Applications are invited from registered medical practitioners, Male or Female, for appointment as one of the Resident Medical Officers (B2), including R practitioners holding A posts. The appointment is for six months, and will be terminable by one month's notice on either side. Salary at the rate of £200 per annum.

Applications, stating age, qualifications with dates, nationality, and accompanied by copies of three recent testimonials, should be sent to the Medical Superintendent, County Infirmary, Louth, Lincs., as soon as possible.

W. S. H. CAMPBELL,
County Medical Officer of Health.

Public Health Department, County Offices, Lincoln,
1st March, 1941.

## Harlow Wood Orthopædic Hospital.

near MANSFIELD, NOTTS. (275 Beds.)

Applications are invited from Male registered medical practitioners for the appointment of HOUSE SURGEON (B2), to become vacant on 15th April, including R practitioners who now hold A posts. If held by an R practitioner the appointment will be limited to six months. Otherwise it may be extended for a further six months.

The salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be received by the Secretary by 15th March.

M. L. CRANE, Secretary.

## Royal Berkshire Hospital, Reading.

Applications are invited from registered medical practitioners (Male) for the following appointments which fall vacant on March 1st, 1941:—

HOUSE SURGEON (A);

HOUSE SURGEON to the OBSTETRIC and GYNÆCOLOGICAL DEPARTMENTS (A);

including R practitioners within three months of qualification. Both appointments are for six months. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, to be sent to the undersigned immediately.

H. E. RYAN, Secretary and House Governor.

## Royal Berkshire Hospital, Reading.

Applications are invited from registered medical practitioners (Male) for the appointment of HOUSE SURGEON (A) to the SPECIAL DEPARTMENTS (Ear, Nose, Throat and Eye), to become vacant immediately, including R practitioners within three months of qualification.

The appointment is for six months.

Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

H. E. RYAN, Secretary and House Governor.

## Blackburn Royal Infirmary.

(244 Beds—5 Residents.)

APPOINTMENT OF A HOUSE SURGEON (A).

Applications are invited from registered medical practitioners, Male, for the appointment of a House Surgeon (A), to become vacant on April 1st, including R practitioners within three months of qualification. If held by an R practitioner appointment will be limited to six months. Salary is at the rate of £175 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

T. DEWHURST, General Superintendent and Secretary.

## The Robert Jones and Agnes Hunt

ORTHOPÆDIC HOSPITAL, OSWESTRY.

(Beds: Adults, 280; Children, 120.)

Applications are invited from registered medical practitioners, including R practitioners who now hold A posts, for a HOUSE SURGEON (Male) (B2), required to commence duties at the end of March. Appointment for six months with possibility of extension, except in the case of R practitioners, when appointment will be limited to six months.

Salary at the rate of £200 per annum, with board, residence, and laundry.

Two weeks' holiday for each six months' service.

Applications, stating age, qualifications, and experience, with copies of three recent testimonials, to be addressed to the SECRETARY-SUPERINTENDENT, and to reach him not later than 14th March, 1941.

## City of Manchester.

WITHINGTON HOSPITAL. (1150 Beds.)

(Recognised under the Regulations for the F.R.C.S.)

APPOINTMENT OF THREE RESIDENT ASSISTANT MEDICAL OFFICERS (A).

Applications are invited from registered medical practitioners, Male and Female, for the above appointments which are vacant now, including R practitioners within three months of qualification. If held by R practitioners, each appointment will be for a period of six months. Otherwise they will be for a period of twelve months.

The salary for each appointment is at the rate of £200 per annum, or if held by an R practitioner as above £125 per annum, with full residential emoluments in addition, subject to the Manchester Corporation conditions of service.

Full information and forms of application may be obtained from the Medical Officer of Health, Hospitals Administration Section, P.O. Box 399, Town Hall, Manchester, 2, and applications for the post must be received by him not later than March 20th, 1941.

Canvassing in any form is prohibited.

R. H. ADCOCK, Town Clerk.

Town Hall, Manchester, 2, March 3rd, 1941.

## The Royal Infirmary, Sunderland.

Applications are invited from Male registered medical practitioners, including R practitioners within three months of qualification, for the appointment of—

(1) HOUSE SURGEON (A);

(2) CASUALTY OFFICER AND HOUSE SURGEON to E.N.T. DEPARTMENT (A);

from the 18th April, 1941.

The appointments will be limited to six months.

The salary is at the rate of £120 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned at the earliest possible date.

M. J. HUNTLEY, House Governor and Secretary.

## Preston and County of Lancaster Royal

INFIRMARY.

APPOINTMENT OF HOUSE PHYSICIAN (A).

Applications are invited for the appointment of a House Physician (A)—Male or Female—including R practitioners within three months of qualification. If held by an R practitioner the appointment will be for six months. Salary at the rate of £150 per annum, with full residential emoluments, or according to experience.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

JOHN GIBSON, Superintendent and Secretary.

24th February, 1941.

## Borough of Harrogate.

APPOINTMENT OF TEMPORARY DEPUTY MEDICAL OFFICER OF HEALTH AND TEMPORARY DEPUTY SCHOOL MEDICAL OFFICER.

Applications for the above post are invited from duly registered medical practitioners (Male) who possess a recognised qualification in Public Health.

The salary will be £600 per annum, rising by annual increments of £50 to £750, together with a car allowance of £50 per annum and a war bonus amounting at the present time to £18 per annum.

The duties of this officer will include medical inspection of school-children, school and infant welfare clinics, together with duties in connexion with Air Raid Precautions.

The appointment will be determinable by one month's notice on either side and is subject to the provisions of the Local Government Superannuation Act, 1937, and to the candidate passing a medical examination.

Applications, stating age, qualifications, and experience, together with copies of not more than three testimonials, should be sent to the undersigned not later than 22nd March, 1941.

The Standing Orders of the Council provide that—

(a) Canvassing of members of the Council, or any senior officer of the Council, directly or indirectly, will disqualify the applicant;

(b) Applicants shall disclose in writing whether they are related to any member of, or the holder of any senior office under the Council. Failure to do so will disqualify the applicant.

J. M. DODDS, Town Clerk.

Municipal Offices, Harrogate, 3rd March, 1941.

## Whitchurch Hospital, Cardiff.

(740 Beds.)

APPOINTMENT OF HOUSE OFFICERS (A).

Applications are invited from registered medical practitioners for the appointments of HOUSE PHYSICIAN (A) and HOUSE SURGEON (A), including R practitioners within three months of qualification. The appointments will be tenable for a period of six months. Salary £200 per annum, with usual residential emoluments.

Applications, stating age, qualifications, nationality, and accompanied by copies of testimonials, should be forwarded to the MEDICAL SUPERINTENDENT, Whitchurch Hospital, Cardiff.

## Royal Hampshire County Hospital,

WINCHESTER. (457 Beds.)

Applications are invited from registered medical practitioners, including R practitioners within three months of qualification, for the appointment of HOUSE PHYSICIAN (A). The appointment will be for a period of six months. Salary is at the rate of £175 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

H. EWART MITCHELL, Superintendent and Secretary.

## Wrexham and East Denbighshire War

MEMORIAL HOSPITAL. (170 Beds.)

Applications are invited from registered medical practitioners (Male or Female) for the appointment of RESIDENT HOUSE SURGEON (A), primarily for Ear, Nose, and Throat and Ophthalmic Departments, to become vacant on April 1st, 1941, including R practitioners within three months of qualification. The appointment is for a period of six months. Salary £150 per annum, with full residential emoluments.

Applications, stating age, nationality, experience, and qualifications, with copies of three recent testimonials, to be sent to the undersigned immediately.

LESLIE SPENCER, Secretary.

## Nottingham and Midland Eye

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Applications are invited from registered medical practitioners, Male, for the appointment of RESIDENT HOUSE PHYSICIAN (B2), to become vacant on 1st April, including R practitioners who now hold A posts. If held by an R practitioner, the appointment will be limited to six months. The salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

ARTHUR L. BOURNE, Secretary-Superintendent.

3rd March, 1941.

## Walsall General Hospital.

Applications are invited from registered medical practitioners for the appointment of a HOUSE SURGEON (A), to become vacant on 1st April, 1941, including R practitioners within three months of qualification. The appointment will be for a period of six months. Salary at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than Monday, 17th March, 1941.

R. C. MILLWARD, House Governor.

27th February, 1941.

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MEDICAL EVANS PRODUCTS

## The treatment of Pernicious Anæmia with

# HEPATEX (ORAL)

This highly concentrated extract of fresh liver for oral administration represents the full activity of sixteen times its weight of fresh liver. One bottle (4 fld. oz.) is sufficient for, at least, a week's initial treatment or three weeks' maintenance. Hepatex is palatable and readily assimilated

Issued in bottles of 4 fld. oz. 12/6

*Literature sent on application to Home Medical Department, Hanover Street, Liverpool*

**Made at The Evans Biological Institute by**

**Evans Sons Lescher & Webb Ltd.**

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## LUMBAGO

## FIBROSITIS — MYALGIA

Not only in arthritis, but also in fibrositis, myalgia and lumbago, 'Calsiod' often brings about relief of pain in a relatively short time. The best end-results, however, are obtained by continuing treatment for at least three or four weeks. Perseverance is amply repaid, for, in addition to its analgesic properties, 'Calsiod' reduces swelling and muscle spasm to a marked degree.

'CALSIOD' *Brand* TABLETS

Each tablet contains 0·5 grm. Calcium Ortho-iodoxybenzoate

*Samples and literature on request*

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C2

# ALASIL

## Safe Salicylate Therapy

THE popularity of acetyl-salicylic acid is undoubtedly due to the fact that it is one of the safest and most effective non-narcotic analgesics available. Too often, however, its use has been discarded by the physician on account of its tendency to irritate the stomach and because entirely pure preparations are not always available.

"Alasil" provides the beneficial therapeutic effects of pure acetyl-salicylic acid in such a form that it is acceptable even by disordered digestions. This tolerability is due to the fact that it combines calcium acetyl-salicylate—the least irritating salicylate compound—with "Alocol," a potent gastric sedative and antacid.

Since "Alasil" is better tolerated than acetyl-salicylic acid its use can be pushed or prolonged to a much greater extent than the latter. "Alasil" is, therefore, an analgesic, antipyretic, and anti-rheumatic, which can be employed with complete confidence in all the many conditions in which such an agent is indicated.

*A supply for clinical trial with full descriptive literature sent free on request:*

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M287

# In the treatment of

- ANGINA PECTORIS
- CHEYNE STOKES BREATHING
- CARDIAC ASTHMA
- MYOCARDIAL DEGENERATION
- ŒDEMA

. . . . . Cardophylin has been conclusively proved to give entirely satisfactory results owing to its combined physiological action. It dilates the coronary arteries, acts as a powerful stimulant to the respiratory centre and is a safe and efficient diuretic. The improved output of oxygenated blood and the relief of congestive conditions produce a rapid and encouraging tonic effect upon the heart.

# Cardophylin

(THEOPHYLLINE-ETHYLENEDIAMINE)

*formerly known as* EUPHYLLIN

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*Manufactured by* WHIFFEN & SONS LTD., CARNWATH ROAD, LONDON, S.W.6

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*The Rational Tonic*

Increased nervous and muscular activity, decreased intake of the foods richest in the Vitamin B complex and increased intake of carbohydrates all tend to accentuate the minor symptoms of deficiency of the various members of the Vitamin B complex.

Livogen, which supplies these factors — together with liver extract — therefore is indicated for all patients showing symptoms of debility, lassitude, anorexia, intestinal irregularities, neuritic pains, mental depression and emotional instability, all these states being symptomatic of deranged carbohydrate metabolism following hypovitaminosis-' B '.

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LGN/R/82

## URIC ACID CONDITIONS

### URALYSOL possesses this twofold action

URALYSOL contains thyminic acid, the natural solvent of uric acid, and therefore neutralises the excess uric acid for which the body cannot provide sufficient physiological thyminic acid. When combined with the thyminic acid of URALYSOL the excess uric acid is in a state to be eliminated through the normal channel, the kidney.

URALYSOL also contains hexamethylene-tetramine and hexamethylenetetramine-anhydromethylenecitrate, which promote elimination of pathological uric acid, and have an additional antiseptic action.

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## Anticoagulant

**HEPARIN-BOOTS** is a powerful non-toxic anticoagulant prepared from liver for the prevention and treatment of thrombosis, for use in blood transfusions and in taking samples of blood for biochemical examinations.

**HEPARIN-BOOTS** is standardised in our Pharmacological Laboratories in terms of Toronto Units. One Toronto Unit is the activity of 0.009 mg. pure Heparin sodium salt.

Supplied in 5 c.c. rubber-capped vials.

**Sterile For Intravenous Injection**

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| 2,500 Toronto Units | - | 44/4 |
| 500 ,, ,, | - | 8/11 |
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**Not For Injection.**

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| 500 Toronto Units | - | 8/7 |

*Discount to the Medical Profession*

Obtainable through all Branches of

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BOOTS PURE DRUG CO. LTD NOTTINGHAM

M659-63

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*Successors* PROPRIETARY AGENCIES *Ltd., 179, Acton Vale, London, W.3*

**IN the treatment of gastric acid disturbance the convenience of antacid medication in Tablet form offers marked advantages, particularly in ensuring that effective alkalization may readily be maintained throughout the day.**

**'Milk of Magnesia,' so long accepted as an ideal antacid, is also available in alternative tablet form. Each 'Milk of Magnesia' Tablet is equivalent to one teaspoonful of the liquid product and the compact container may unobtrusively be carried in pocket or purse, ready for use at any time and in all places.**

**'Milk of Magnesia' Tablets disintegrate readily in the mouth and act as a mild yet effective neutralizer of excess stomach acid. They are particularly indicated in flatulent dyspepsia, nausea and biliousness.**

# 'Milk of Magnesia' (Regd) TABLETS

*'Milk of Magnesia' is the Registered Trade Mark of the Phillips' preparation of magnesia.*

Cholecystokinetic and Choleretic Action

Biliary Drainage

# AGOCHOLINE
BRAND

## SOLUBLE GRANULES

**A product of Magnesium Sulphate and Peptone obtained by special process of manufacture**

Agocholine is founded on a scientifically tested cholagogic formula, arrived at by experimental, clinical and therapeutic research.

Agocholine excites the contractility of the gall-bladder, inducing drainage, and increases the flow of bile from the liver.

Indicated in every case in which the bile ducts are permeable (unless there are very sharp paroxystic pains) and there is infection or stasis in the gall-bladder.

Under the action of biliary drainage and stimulation of secretion of bile, the other functions of the liver are definitely improved.

*Medical sample and literature on indications and dosage will be sent on request*

**BENGUÉ & Co. Ltd.,** *Manufacturing Chemists,*
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# NONAD TULLE
TRADE MARK
NON ADHERENT GAUZE NET
VITAMINIZED AND STERILE

NONAD TULLE is a gauze with a mesh of 2 millimetres and impregnated with 98 parts of soft paraffin, 1 of balsam of Peru, and 1 of halibut-liver oil, that rich source of vitamins A and D.

Dressings made with NONAD TULLE as their foundation are easily removed, without pain or bleeding. Through the wide mesh, secretions are easily absorbed by the outer dressings: accordingly dangerous products do not accumulate in the lesion, and it need not be dressed so often as usual.

NONAD TULLE may be used on septic wounds, burns, gangrene, sloughs, varicose ulcers, indolent wounds, operation wounds, pruritic or infective eruptions, and solar or actinic dermatitis.

In tins of 10 pieces, 4 in. x 4 in.
**Price 3/6**

**NONAD TULLE PROMOTES QUICK HEALING**

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In many instances marked improvement has been effected in the Parkinsonian syndrome by 'Benzedrine' Brand Tablets without other drugs. But the best results are usually obtained through synergism with hyoscine, stramonium or atropine. This combined therapy controls or eliminates such symptoms as oculogyric crises, drowsiness, weakness, tremor, lowered mood, and salivation. Other indications include: narcolepsy, alcoholism, dysmenorrhœa, travel - sickness, depressive and fatigue states.

Samples and literature will be sent on the *signed* request of physicians.

**'BENZEDRINE'**
*Brand*
**TABLETS**

Each tablet contains 5 mg. β-aminoisopropylbenzene sulphate (amphetamine sulphate)

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BT4

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**CAPSULES A.D.E. OIL A.D.E. TABLETS A.B.C.D.E**

Concentrated and palatable preparations of Vitamins to supplement the ordinary diet, wherever it is of first importance that there should be no deficiency. The strain and stress of wartime, long hours of work in artificial light and changes in the diet due to high prices or rationing are among the factors which may upset the normal balance.

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Progestin B.D.H. is identical chemically with the hormone of the corpus luteum of the ovary. This hormone possesses a three-fold action in the human female:

FIRSTLY: It produces the secretory or progestational phase of the endometrium. Progestin B.D.H. is employed for the correction of excessive menstrual bleeding or irregular uterine hæmorrhage of functional origin.

SECONDLY: It is responsible for the maintenance of pregnancy. Progestin B.D.H. is used for the treatment of threatened and habitual abortion.

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# ETHYL CHLORIDE

## CHLORYL ANÆSTHETIC
(DUNCAN)

FOR GENERAL and LOCAL ANÆSTHESIA
IT IS INDISPENSABLE IN THE SURGERY

Ethyl Chloride (Duncan) is perfectly free from hydrochloric acid, empyreumatic bodies, etc. It has a pleasant ethereal odour and its vapour is non-irritating.

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Supplied in 30 c.c. and 60 c.c. graduated flasks or in 5 c.c. hermetically sealed ampoules.

May be had perfumed with Eau de Cologne if desired.

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# Convalescents must have sleep . . .

## —*Bourn-vita will help them to-day*

The nerve-soothing qualities of Bourn-vita help wartime convalescents to get the most out of the sleep they need so much. The Vitamin B, phosphorus and calcium in Bourn-vita are all valuable nerve foods, and help to induce a restful, *natural* sleep. This nourishing food-drink, prepared by Cadburys, is especially light and digestible.

**Cadburys BOURN-VITA**

***FOR DEEP, RESTORING SLEEP***

MEDICAL EVANS PRODUCTS

# Tetanus Antitoxin (EVANS)

FOR HOSPITAL AND A.R.P. REQUIREMENTS

**Prophylactic**
*(1,000 International Units or more per c.c.)*
Ampoules of 1,000 International Units.
Ampoules of 3,000 International Units.

**Curative**
*(3,000 International Units or more per c.c.)*
Ampoules of 3,000 International Units.
Ampoules of 20,000 International Units.

**For Curative or Prophylactic Use**
10 c.c. rubber-capped bottles of 30,000 International Units.

*Prices and literature sent on application to Home Medical Dept., Hanover Street, Liverpool*

*Made at The Evans Biological Institute by*

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**Liverpool and London**

# "A pig in a poke"

Your patients may be daily buying symbolic pigs in hypothetical pokes. In your desire to save their pockets you may be prescribing a product that is offered as "just as good and cheaper than Veganin."

Veganin has no substitute in quality; it is the achievement of long experimentation. The demand was for an analgesic assuring safety with prompt efficacy; one which the physician could prescribe with that absolute confidence he gives only to a standard product which never varies in character or quality.

Veganin stands unique as an analgesic, sedative and antipyretic bearing a brand name which is pledged to the maintenance of the highest standards of uniform production.

Supplied in tubes of 10 and 20 tablets; also in quantities of 100, 500 and 1,000 tablets for dispensing.

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# Vitamin C

To meet the present urgent demand for vitamin C, Roche Products Ltd. have decided to effect a substantial

## PRICE REDUCTION

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*TABLETS.* Each 'Redoxon' tablet of 50 mg. is equivalent in vitamin C content to one or two oranges of good quality. Note the following prices:—

| 'REDOXON' | | NEW | FORMER |
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| Tablets, | 20's | 12/- | 2/9 |
| | 100's | 6/6 | 11/3 |
| | 500's | 30/- | 48/6 |

Subject to 10 per cent. professional discount: Purchase Tax extra.

Special low quotations to hospitals and welfare centres, etc., for bulk quantities.

# 'Redoxon'

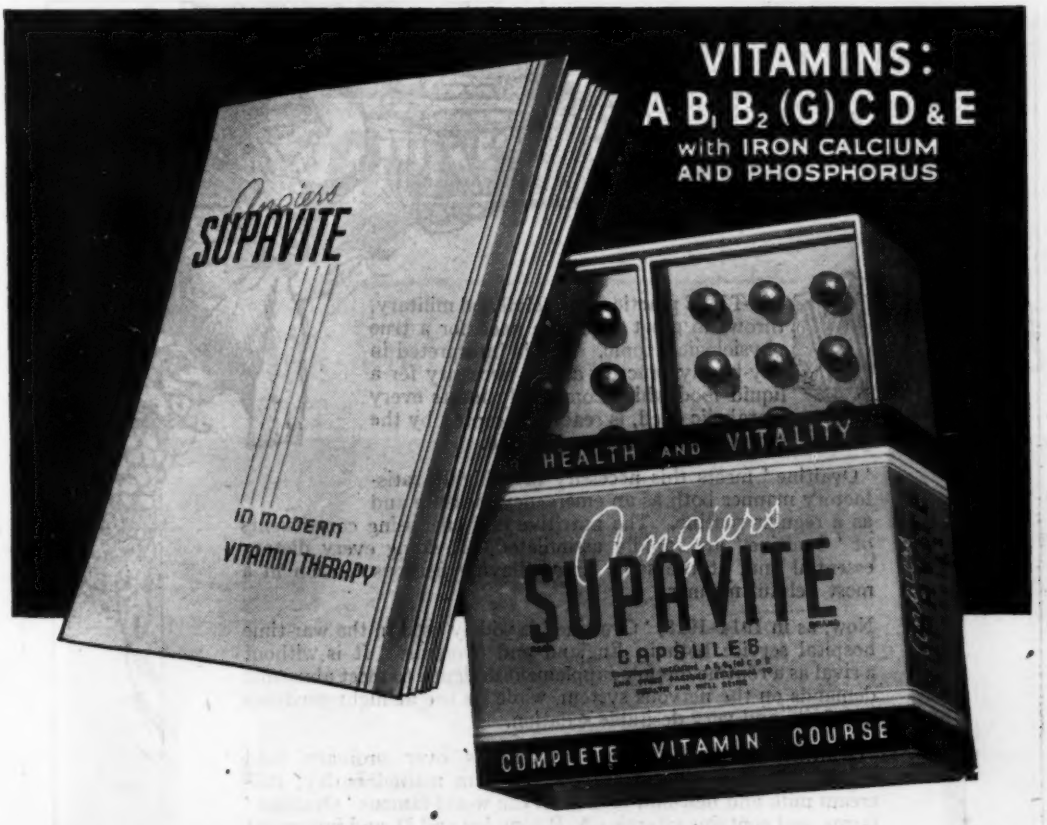
(TRADE MARK)

Ascorbic acid was first synthesised on an industrial scale by Roche chemists in 1933/34 and has been marketed under the name 'Redoxon' in Great Britain from the end of 1934 onwards. Other vitamins marketed by Roche include 'BENERVA' vitamin $B_1$ and 'EPHYNAL' vitamin E.

*Write to the manufacturers for full particulars*

## ROCHE PRODUCTS LIMITED

WELWYN GARDEN CITY - HERTS




# The Early Stage of Convalescence

As an adjunct to any regimen prescribed in asthenia and in the early stages of convalescence the restorative value of 'SUPAVITE' cannot be overestimated.

'SUPAVITE' provides a balanced ration of the accessory food factors: A, $B_1$, $B_2$ (G), C, D and E with iron, calcium and phosphorus in easily assimilable forms.

Thus, when the appetite is poor and the intake of food meagre, two 'SUPAVITE' capsules per diem are sufficient adequately to reinforce the diet with the elements essential for effective nutrition.

'SUPAVITE' has been extensively prescribed and many clinical reports show that its influence on recovery is prompt and progressive.

Angiers
**SUPAVITE**
REGD. BRAND
**CAPSULES**

*Address:*

THE ANGIER CHEMICAL CO., LTD. 86, CLERKENWELL ROAD, LONDON, E.C.1.

WAR-TIME practice, both civil and military, throws in great relief the need for a true physiological tonic. This is interpreted in day-to-day practice as the necessity for a liquid food which completely meets every metabolic need, is readily accepted by the patient and is immediately assimilated.

'Ovaltine' meets this necessity in a highly satisfactory manner both as an emergency measure and as a regular routine. The nutritive and energising constituents of 'Ovaltine' are rapidly assimilated, providing every dietary essential and, at the same time, allaying nervous tension in a most helpful manner.

Now, as in 1914–1918, 'Ovaltine' is widely used in the war-time hospital service both in England and overseas. It is without a rival as a routine dietary supplement designed to meet abnormal demands on the nervous system, while its use at night produces a definite and very desirable sedation.

'Ovaltine' possesses many advantages over ordinary food drinks. It is a concentrate derived from malted barley, full-cream milk and new-laid eggs from the world-famous 'Ovaltine' farms, and contains vitamins A, B complex and D, and important mineral elements. Its content of "first-class" protein, carbohydrate and fat is carefully adjusted to the optimal ratio for metabolic needs. Moreover, 'Ovaltine' possesses special properties which make milk more digestible, and thus easily assimilated by even the most acutely ill patient.

Supplies are available to hospitals in special packings and at special prices.

*A liberal supply for clinical trial sent free on request*

A. WANDER LTD., 184, Queen's Gate, London, S.W.7
*Laboratories, Works and Farms:* King's Langley, Herts

*Branches:* CANADA: Peterborough, Ont. AUSTRALIA: 1, York Street North, Sydney. NEW ZEALAND: Maritime Buildings, Custom House Quay, Wellington. SOUTH AFRICA: P.O. Box 597, Capetown. STRAITS SETTLEMENTS: P.O. Box 660, Singapore. HONG KONG: 18, Pedder Street. Also at Berne, Chicago, Malta, Mauritius, Colombo, Cairo, etc.
*Distributing Agents:* INDIA: 16, Bank Street, Fort, Bombay.

M308

★ INTRODUCING

# Optrex Tulle

BRAND

## STERILE • NON-ADHERING • IMPREGNATED DRESSINGS

Optrex brand Tulle Dressings are a new type of dressing made from an open mesh gauze evenly impregnated with a special petroleum compound. They protect delicate tissues from injury and can be removed without pain and without starting fresh hæmorrhage.

When applied to the wound, the impregnated dressing allows free drainage through the gauze net, absorption being made by the outer dressing. Consequently there is no risk of dangerous retentions and the dressings need to be changed less frequently than dressings of other types.

The mildly antiseptic non-irritant nature of the compound, combined with the promotion of cicatrisation by the high vitamin content, make Optrex Tulle Dressings ideal for treatment of any raw surface. They are particularly valuable for burns, septic wounds and plastic surgery.

**OPTREX TULLE DRESSINGS ARE ISSUED IN TINS CONTAINING 30. PRICE 4/6 PER TIN OR 48/- PER DOZEN TINS.**

FOR FURTHER PARTICULARS PLEASE COMMUNICATE WITH

Chas. F. Thackray LTD

THE OLD MEDICAL SCHOOL, PARK STREET, LEEDS
& 252 REGENT STREET, LONDON, W1.
SOLE DISTRIBUTORS FOR OPTREX TULLE

# Sulphonamides

**1936** **PROSEPTASINE** May & Baker introduced the first colourless anti-streptococcal sulphonamide of proven activity.

**SOLUSEPTASINE** May & Baker introduced the first colourless anti-streptococcal sulphonamide in concentrated aqueous solution.

**1938** **DAGENAN-M & B 693** May & Baker introduced the first chemotherapeutic agent to prove of value in all types of pneumococcal infections and to possess high anti-gonococcal and anti-meningococcal activity.

**1940** **THIAZAMIDE** May & Baker introduced the latest addition to their range of sulphonamides. THIAZAMIDE serves as an alternative chemotherapeutic agent to DAGENAN-M & B 693 for the treatment of pneumococcal, gonococcal, meningococcal and other infections in cases which show intolerance to the latter drug. In some cases of staphylococcal infection, THIAZAMIDE may prove superior to "DAGENAN."

## SUPPLIES

| | |
|---|---|
| ★DAGENAN-M & B 693★ | 25 x 0.50 *Gm. tablets.* |
| ★DAGENAN SODIUM-M & B 693 SOLUBLE★ | 6 x 3 *c.c. ampoules* 33⅓ *per cent. solution.* |
| ★PROSEPTASINE | 25 x 0.50 *Gm. tablets.* |
| ★SOLUSEPTASINE | 6 x 5 *c.c. ampoules* 5 *per cent. solution.*<br>6 x 5 *c.c. ampoules* 10 *per cent. solution.*<br>6 x 10 *c.c. ampoules* 10 *per cent. solution.* |
| ★THIAZAMIDE | 25 x 0.50 *Gm. tablets.*<br>*Boxes of* 6 *ampoules of the sodium salt.*<br>(*Each ampoule contains the equivalent of* 1 *Gm. of THIAZAMIDE.*) |

SULPHANILAMIDE-MAY & BAKER *is also available in tablets of* 0.50 *Gm.*

★ *Trade Mark*

PHARMACEUTICAL SPECIALITIES (MAY & BAKER) LIMITED, DAGENHAM.

# GENTIAN VIOLET JELLY

**with**

TRADE MARK **'MERTHIOLATE'** BRAND

SODIUM ETHYL MERCURITHIOSALICYLATE

# FOR THE TREATMENT OF BURNS

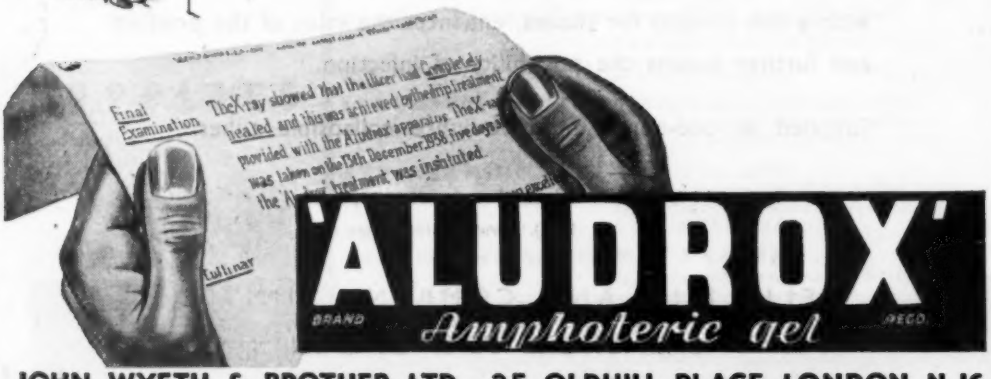
This jelly, containing one per cent. Gentian Violet, provides a convenient method of applying the dye to burned areas. Particularly adapted for use in burns about the face and hands, areas where the skin is thin, and in body flexures. The addition of 'Merthiolate,' which is an excellent general germicide with a low toxicity for tissues, enhances the value of the product and further lessens the possibility of infection.

Supplied in one-ounce and five-ounce collapsible tubes.

*References:* Lancet, *November 16th, page 621.*
B.M.J. *November 16th, page 679.*

ELI LILLY AND COMPANY LIMITED
BASINGSTOKE AND LONDON

'Aludrox' brand Aluminium Hydroxide Gel is an advance in the treatment of peptic ulcer, chronic gastritis and gastric hyperacidity because of its distinctive properties. 'Aludrox' is mildly astringent, reducing mucosal congestion. It also affords a protecting coating which allays irritation from HCl. It also has an adsorptive action on toxins, acids and bacteria. 'Aludrox' is not an alkali, and not being absorbed does not disturb the acid-base balance.




JOHN WYETH & BROTHER LTD. 25, OLDHILL PLACE, LONDON, N. 16.
*(Sole distributors for Petrolagar Laboratories Ltd.)*

MEDICAL EVANS PRODUCTS

# STREPTOCIDE BACTERIOSTATIC INSUFFLATOR

Registered Design No. 838393.

Designed for the

**SIMPLIFICATION OF LOCAL IMPLANTATION OF**

**STREPTOCIDE**

**(Sulphanilamide-Evans)**

for the prophylaxis and treatment of bacterial infections associated with infected wounds and compound fractures.

*Price and descriptive literature on request to Home Medical Department.*

Made in England by

**Evans Sons Lescher & Webb Ltd.**

**Liverpool and London**

# 'VENESETIC'

(SODIUM THIOETHAMYL)

## *for the production of surgical anæsthesia and basal narcosis by intravenous injection*

'VENESETIC' (sodium thioethamyl or sodium isoamyl-ethyl-thiobarbiturate) is a derivative of thiobarbituric acid, developed in the Parke-Davis Research Laboratories. Sodium thioethamyl was submitted to the joint Anæsthetics Committee of the Medical Research Council and the Anæsthetics Section of the Royal Society of Medicine, through the Therapeutic Trials Committee of the Medical Research Council, and a report appeared in the *British Medical Journal*, 1939, I, 109.

'Venesetic' is intended for the induction of surgical anæsthesia by intravenous injection. It is particularly suitable for operations of not more than 20 to 30 minutes' duration, when complete and long-continued muscular relaxation is not required, and for basal narcosis preceding general anæsthesia. The induction of anæsthesia is rapid and smooth, and the patient regains consciousness within 10 to 25 minutes after the administration of the average dose.

The dose required will vary with individual patients and with the degree of anæsthesia desired, but a dose of 1 gramme in 7·5 per cent. solution may be considered to be the average maximum total dose (by interrupted administration) that should be given.

'VENESETIC' (sodium thioethamyl) is supplied in boxes of three ampoules, each containing 1 gramme, together with three 13 c.c. ampoules of distilled water. Further particulars will be supplied on request.

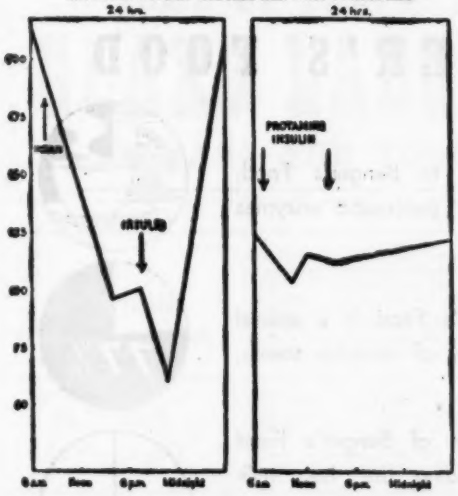
MEDICAMENTA VERA

**PARKE, DAVIS & CO.**
**50, BEAK ST., LONDON, W.1**
Laboratories: Hounslow, Middlesex. Inc. U.S.A., Liability Ltd

# 'A.B.' BRAND PROTAMINE INSULIN

*(with zinc)* **SUSPENSION**

Effect of Insulin without and with Protamine




The absorption of insulin injected in the form of 'A.B.' Brand Protamine Insulin (with Zinc) Suspension is much prolonged and closely resembles the natural secretion of the pancreatic islets. This insulin has a steady action and exerts a better control than that of ordinary insulin over the carbohydrate metabolism. The number of injections can be reduced, a lower total dosage is usually necessary, and the subjective symptoms of diabetes markedly improve.

**40 units per c.cm.**
5 c.cm. (200 units) 2/4
10 c.cm. (400 units) 4/6

**80 units per c.cm.**
5 c.cm. (400 units) 4/6

**INSULIN 'A.B.'** was the first British insulin offered commercially to the medical profession, and has a world-wide reputation for its strictly safeguarded sterility, its carefully standardised strength, its freedom from toxic reactions and its stability in hot climates.

**Joint Licensees and Manufacturers:**

**ALLEN & HANBURYS LTD.**
**THE BRITISH DRUG HOUSES LTD.**

Trade **Pentide** Mark

Sodium Pentose Nucleotides

## For the treatment of Agranulocytosis

During recent years considerable attention has been given to agranulocytosis, granulopenia, or malignant neutropenia—absence or diminution in number of granular (polymorphonuclear) leucocytes. Two types of this condition are known, namely, true agranulocytic angina, of unknown ætiology, and malignant neutropenia secondary to an obvious cause. True agranulocytic angina is usually acute, characterized by ulceration in the mouth and pharynx, and fatal. Secondary granulopenia includes cases resulting from typhoid fever, some exanthemata, local infection, poisoning by benzene, amidopyrine, sulphanilamide, or arsphenamine, irradiation by *x*-rays or radium, aplastic anæmia, splenic diseases, etc.

Pentose nucleotides, intravenously and intramuscularly, in adequate dosage, have proved successful in agranulocytosis. For the treatment of this condition and other disorders in which increased production of polymorphonuclear leucocytes is desirable, Allen & Hanburys Ltd. have prepared a solution of Sodium Pentose Nucleotides which they issue under the name "Pentide," in vials of 10 c.cm. at 5/-, plus purchase tax.

**Allen & Hanburys Ltd., London, E. 2**

Telephone: Bishopsgate 3201 (12 lines) Telegraphic Address: Greenburys Beth London

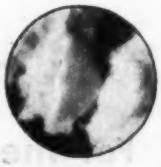
# The rapid enzymic action

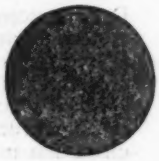
# OF BENGER'S FOOD

The instant hot milk is added to Benger's Food, self digestive action by natural pancreatic enzymes begins.

As supplied in the tin, Benger's Food is a special wheaten powder, containing 77% of insoluble starch.

So quick is the enzymic action of Benger's Food that within 2 minutes of adding the hot milk insoluble starch has been reduced to 0.5%.





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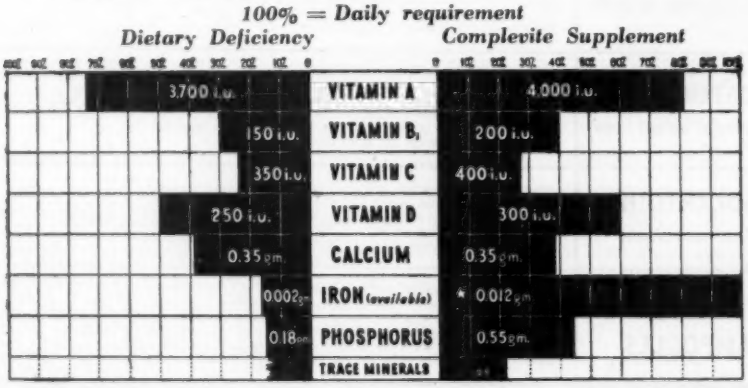


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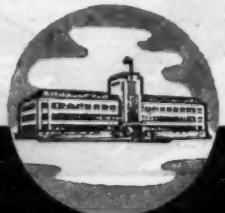

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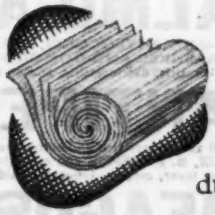

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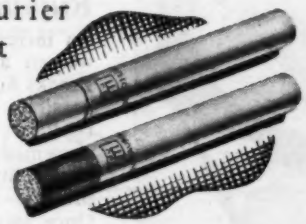

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### WAR SURGERY OF THE CHEST
### 17th to 21st March, 1941

| | | | |
|---|---|---|---|
| Monday, 17th March | 10 A.M. | Introductory Lecture. | Mr. A. Tudor Edwards, M.D., F.R.C.S. |
| | 11.30 A.M. | Anatomy, Physiology and Pathology of Chest Wounds. | Mr. T. Holmes Sellors, D.M., M.Ch., F.R.C.S. |
| | 1.15 P.M. | Bus to Royal College of Surgeons. | |
| | 2 P.M. | Demonstration of Specimens of Gunshot Wounds. | Mr. O. S. Tubbs, F.R.C.S. |
| Tuesday, 18th March | 10 A.M. | The Surgery of the Open Thorax. | Mr. C. Price Thomas, F.R.C.S. |
| | 11.15 A.M. | Anæsthesia in Chest Surgery. | Dr. H. Woodfield Davies, B.A., L.M.S.S.A. |
| | 1.30 P.M. | Closed Wounds of Chest, etc. | Professor J. A. Nixon, C.M.G., M.D., F.R.C.P. |
| | 2.30 P.M. | Operative Demonstrations on the Cadaver. | Mr. A. K. Henry, M.Ch., F.R.C.S. |
| Wednesday, 19th March | 10 A.M. | Gunshot Wounds of the Heart. | Prof. G. Grey Turner, LL.D., D.Ch., M.S., F.R.C.S. |
| | 11.15 A.M. | Radiography in Gunshot Wounds of the Chest. | Dr. J. Duncan White, M.B., Ch.B., D.M.R.E. |
| | 2 P.M. | Thoracico-Abdominal Wounds. | Surg. Rear-Admiral G. Gordon-Taylor, O.B.E., M.S., F.R.C.S. |
| | 3.15 P.M. | Drainage of the Pleural Cavity. | Mr. R. C. Brock, M.S., F.R.C.S. |
| Thursday, 20th March | 10 A.M. | Technique of Operations for removal of foreign bodies from lung, other operations for late wounds, etc. | Prof. G. Grey Turner, LL.D., D.Ch., M.S., F.R.C.S. |
| | 11.15 A.M. | Instruments and Appliances used or that can be used in Chest work. | Mr. R. H. Franklin, F.R.C.S. |
| | 2 P.M. | Operations on Cadaver, Mediastinum, Heart, etc. | Mr. A. K. Henry, M.Ch., F.R.C.S. |
| Friday, 21st March | 10 A.M. | Late Results of Gunshot Wounds. | Mr. J. E. H. Roberts, O.B.E., F.R.C.S. |
| | 11.15 A.M. | Other Aspects of Closed Wounds of Chest, Collapse Therapy, etc. | |
| | 2 P.M. | Miscellaneous Considerations regarding Chest Surgery, followed by a general discussion. | Mr. N. Barrett, M.Ch., F.R.C.S. |

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Further courses on War Surgery will commence as follows:—
WAR SURGERY OF THE NERVOUS SYSTEM: Monday, 31st March.
OPERATIVE SURGERY IN WARTIME: Monday, 21st April.
WAR SURGERY OF THE EXTREMITIES: Monday, 12th May.
WAR SURGERY OF THE ABDOMEN: Monday, 26th May.

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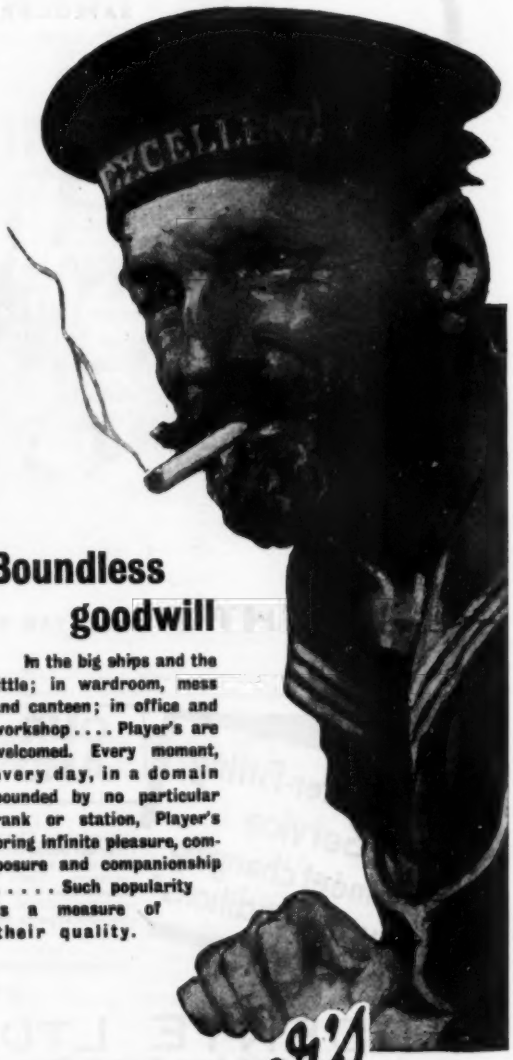


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HOSPITAL FOR MENTAL DISEASES.

President: The Right Hon. LORD BELPER.

This Institution is exclusively for the reception of a limited number of PRIVATE PATIENTS of both sexes, of the UPPER and MIDDLE CLASSES, at moderate rates of payment. It is beautifully situated in its own grounds, on an eminence a short distance from Nottingham, and commands an extensive view of the surrounding country; and from its singularly healthy position and comfortable arrangements affords every facility for the relief and cure of those mentally afflicted. Voluntary and Temporary Patients received. Occupational Therapy. For terms, &c., apply to the Medical Superintendent.

Telephone: 64117 Nottingham.

## CHISWICK HOUSE,

PINNER, MIDDLESEX.

Telephone: PINNER 234.

A Private Hospital for the Treatment and Care of Mental and Nervous Illnesses in both Sexes.

A modern country house, 12 miles from Marble Arch, in attractive and secluded surroundings. Fees from 10 guineas per week inclusive. Cases under Certificate, Voluntary and Temporary Patients received for treatment.

DOUGLAS MACAULAY, M.D., D.P.M.

## PORTSMOUTH CITY MENTAL HOSPITAL

Accommodation is provided for the reception of PRIVATE PATIENTS of both sexes in three detached Villas, which are healthily and pleasantly situated in extensive grounds with sea views.

Charges from 3 guineas weekly, including all necessaries except clothing.—Apply to the Medical Superintendent and Resident Physician, THOMAS BEATON O.B.E., M.D., F.R.C.P.

## FENSTANTON, at "FIVE DIAMONDS," Chalfont St. Giles, Bucks.

A Private Home for the Care and Treatment of a limited number of LADIES with Mental and Nervous Disorders. Certified, Voluntary, and Temporary Patients received. Mansion with 13 acres of ground. (*See Medical Directory, p. 2348.*) Apply Resident Physician. Telephone: Little Chalfont 2046. Station: Chalfont and Latimer.

## MALLING PLACE, KENT

For LADIES and GENTLEMEN of Unsound Mind.

Terms moderate. Apply to Resident Medical Superintendent. Telegrams: ADAM WEST MALLING. Telephone No. 2: MALLING.

# ST. ANDREW'S HOSPITAL

## FOR NERVOUS AND MENTAL DISORDERS,

## NORTHAMPTON

*FOR THE UPPER AND MIDDLE CLASSES ONLY.*

PRESIDENT: THE MOST HON. THE MARQUESS OF EXETER, K.G., C.M.G., A.D.C.

MEDICAL SUPERINTENDENT: THOMAS TENNENT, M.D., M.R.C.P., D.P.H., D.P.M.

This Registered Hospital is situated in 130 acres of park and pleasure grounds. Voluntary patients, who are suffering from incipient mental disorders or who wish to prevent recurrent attacks of mental trouble; temporary patients, and certified patients of both sexes are received for treatment. Careful clinical, bio-chemical, bacteriological, and pathological examinations. Private rooms with special nurses, male or female, in the Hospital or in one of the numerous villas in the grounds of the various branches can be provided.

### WANTAGE HOUSE

This is a Reception Hospital in detached grounds with a separate entrance, to which patients can be admitted. It is equipped with all the apparatus for the complete investigation and treatment of Mental and Nervous Disorders by the most modern methods; insulin treatment is available for suitable cases. It contains special departments for hydrotherapy by various methods, including Turkish and Russian baths, the prolonged immersion bath, Vichy Douche, Scotch Douche, Electrical baths, Plombieres treatment, etc. There is an Operating Theatre, a Dental Surgery, an X-Ray Room, an Ultra-violet Apparatus, and a Department for Diathermy and High-frequency treatment. It also contains Laboratories for bio-chemical, bacteriological, and pathological research. Psychotherapeutic treatment is employed when indicated.

### MOULTON PARK

Two miles from the Main Hospital there are several branch establishments and villas situated in a park and farm of 650 acres. Milk, meat, fruit, and vegetables are supplied to the Hospital from the farm, gardens, and orchards of Moulton Park. Occupational therapy is a feature of this branch, and patients are given every facility for occupying themselves in farming, gardening, and fruit growing.

### BRYN-Y-NEUADD HALL

The seaside house of St. Andrew's Hospital is beautifully situated in a Park of 330 acres, at Llanfairfechan, amidst the finest scenery in North Wales. On the North-West side of the Estate a mile of sea coast forms the boundary. Patients may visit this branch for a short seaside change or for longer periods. The Hospital has its own private bathing house on the seashore. There is trout-fishing in the park.

At all the branches of the Hospital there are cricket grounds, football and hockey grounds, lawn tennis courts (grass and hard courts), croquet grounds, golf courses, and bowling greens. Ladies and gentlemen have their own gardens, and facilities are provided for handicrafts, such as carpentry, etc.

For terms and further particulars apply to the Medical Superintendent (TELEPHONE: No. 2356 and 2357 Northampton), who can be seen in London by appointment.

# CHEADLE ROYAL HOSPITAL, Cheadle, Cheshire.

This REGISTERED HOSPITAL, with a SEASIDE BRANCH at Colwyn Bay, N. Wales, is for the treatment and care of those of the Upper and Middle Classes suffering from MENTAL AND NERVOUS DISEASES.

The Hospital is governed by a COMMITTEE, appointed by the TRUSTEES of the Manchester Royal Infirmary.

In addition to the Main Buildings there are separate villas. Extensive grounds. Hard and grass tennis courts, cricket and croquet grounds, and a court for badminton. There are also wireless installations. Golf may be had within easy distance. Occupational Therapy.

VOLUNTARY, TEMPORARY, AND CERTIFIED PATIENTS received.

The Hospital is nine miles from Manchester, 50 minutes by rail from Liverpool, and 3½ hours from London.

For terms and further particulars apply to the Medical Superintendent, who may be seen in Manchester BY APPOINTMENT. *Telephone: Gatley* 2231 (3 lines).

# CAMBERWELL HOUSE

Telegrams: "PSYCHOLIA, LONDON." 33, PECKHAM RD., LONDON, S.E.5. Telephone: Rodney 4242 (3 lines).

***For the treatment of MENTAL DISORDERS.***

Also completely detached Villas for Mild Cases, with private suites if desired. Voluntary Patients received. Twenty acres of Grounds. Hard and Grass Tennis Courts, Putting Greens, Bowls, Croquet, Squash Rackets, Recreation Hall with Badminton Court, and all indoor amusements, including Wireless and other Concerts, Occupational Therapy, Calisthenics, and Dancing Classes. X-ray and Actino-therapy, Prolonged Immersion Baths, Operating Theatre, Pathological Laboratory, Dental Surgery, and Ophthalmic Department. Chapel. Shock and also modified Insulin Therapy.

Senior Physician: Dr. HUBERT JAMES NORMAN, assisted by a resident Medical Staff, and visiting Consultants.

An Illustrated Prospectus, giving fees which are strictly moderate, may be obtained upon application to the Secretary.

**The Convalescent Branch is Hove Villa, Brighton, and is 200 feet above sea level.**

# THE COTSWOLD SANATORIUM

First opened in 1898 and rebuilt in 1925 on the Cotswold Hills seven miles from Cheltenham, for the Treatment of Pulmonary and all other forms of Tuberculosis. Aspect S.S.W., sheltered from North and East, elevation 800 feet. Pure bracing air, SPECIAL TREATMENT by artificial PNEUMOTHORAX (X-ray controlled). TUBERCULINS, and ULTRA-VIOLET RAYS is available when necessary without extra charge. X-RAY plant, Fully Equipped Dental Department, Electric Light Radiators, hot and cold basins and Wireless in all rooms. Up-to-date drainage. Full day & night Nursing Staff. Terms: 5½ to 9½ Guineas a week inclusive.

*Med. Supt.:* GEOFFREY A. HOFFMAN, B.A., M.B., T.C. Dub. *Asst. Phys.:* MARGARET A. HARRISON, M.B., B.S. Lond. *Cons. Laryngologist:* G. N. BARKER, F.R.C.S. Edin., D.L.O. *Cons. Dent. Surgeon:* GEORGE V. SAUNDERS, L.D.S.R.C.S. Lond. *Phone:* 81 & 82 Witcombe. Apply: *The Secretary, The Cotswold Sanatorium, Cranham, Gloucester. Telegrams:* "Hoffman, Birdlip."

# COURT HALL, KENTON, near EXETER

FOR THE TREATMENT OF EIGHT LADIES, VOLUNTARY, TEMPORARY AND CERTIFIED PATIENTS

# CLIFFDEN, TEIGNMOUTH

FOR EARLY AND CONVALESCENT CASES Recreational Therapies are held daily by skilled Leaders

The house stands high with spacious balconies and extensive views of the South Devon Coast. Beautiful garden. Own Dairy in 25 acres. Private road to beach.

There is also a charming house, EBWORTHY, MANATON, DARTMOOR, situated in 20 acres, 1100 ft. up for bracing moorland air.

*Resident Physicians*—BERTHA M. MULES, M.D., B.S. ANNE S. MULES, M.R.C.S., L.R.C.P.

*Telephones*—STARCROSS 259 and TEIGNMOUTH 289

# THE LAW NURSING HOME
## ROCHDALE (Lancs)

Founder: The late SIR A. J. LAW, J.P., M.P.

*A Private Hospital, exclusively for the treatment of POST-ENCEPHALITIC PARKINSONISM, PARKINSON'S DISEASE and ALLIED DISORDERS*

The Nursing Home is governed by Trustees; any surplus is utilized to help patients who cannot afford full fees. Extensive grounds. Hydro. Expert Massage and Physical re-education. Dietary treatment. Equipped with every laboratory apparatus for the investigation and treatment of the diseases. Results of the BULGARIAN TREATMENT published (*Lancet*, 1939, 1, 693) approx.: 300 patients treated in the last 3 years. Terms moderate. Further particulars apply Medical Superintendent. Tel.: Rochdale 2960.

# VALE OF CLWYD SANATORIUM

This Sanatorium is established for the treatment of Tuberculosis of the Lungs and the Pleural Cavities. It is situated in the midst of a large area of park-land at a height of 450 feet above sea-level, on the South West slopes of mountains rising to over 1800 feet, which protect it from north and east winds and provide many miles of graduated walks with magnificent views. Average rainfall 29·57 per annum. Full day and night Nursing Staffs. X-Ray plant. Every facility for Artificial Pneumothorax and for operations on the chest. Electric Lighting. Central Heating. Home Farm. Grade A Milk from T.T. Herd.

For particulars apply to Medical Superintendent.

H. MORRISTON DAVIES, M.D., M.Ch (Cantab.), F.R.C.S., Llanbedr Hall, Ruthin, N Wales.

# THE CASSEL HOSPITAL FOR FUNCTIONAL NERVOUS DISORDERS

new address: ASH HALL, BUCKNALL, near STOKE-on-TRENT, STAFFS. *Telephone:* ASH BANK 215

Owing to existing circumstances the hospital has been transferred from Swaylands, Penshurst, Kent, to the above address for the duration of the war. Ash Hall is situated in the country about 5 miles from Stoke in the direction of Ashbourne.

The hospital will continue to admit for treatment patients of moderate means suffering from psychoneurotic illnesses.

Patients suffering from psychotic illnesses are not eligible for admission.

Further particulars may be obtained by application to the Medical Director at the new address.

# RUTHIN CASTLE, NORTH WALES

A Private Clinic, the first in Great Britain, for investigation and treatment of all forms of disease, except infectious and mental

There is a steel and concrete Air-Raid Shelter with heating and a lift to all floors

Inclusive charges — Apply SECRETARY — Telephone: Ruthin 66

# PECKHAM HOUSE, 112, Peckham Road, London, S.E.15

Telegrams: "Alleviated, London" — Telephone: Rodney 2641-2642

A Private Mental Hospital, for Ladies and Gentlemen suffering from Nervous and Mental Illness, where the amenities of a comfortable home are combined with full investigation and every well-established modern treatment.

Terms from 3½ guineas weekly.

Illustrated Prospectus may be obtained from the Physician Superintendent.

# HAYDOCK LODGE,
## NEWTON-LE-WILLOWS, LANCASHIRE.

For the reception and treatment of PRIVATE PATIENTS of both sexes of the UPPER AND MIDDLE CLASSES suffering from Mental and Nervous Disorders, Alcoholism and Drug addiction, either voluntarily, temporarily, or under certificate. Patients are classified in separate buildings according to their mental condition. Situated in park and grounds of 400 acres. Self-supported by its own farm and gardens in which patients are encouraged to occupy themselves. Every facility for indoor and outdoor recreation. For terms, prospectus, etc., apply MEDICAL SUPERINTENDENT. *'Phone:* Ashton-in-Makerfield 7311. *Tele. Address:* Street, Ashton-in-Makerfield.

# THE OLD MANOR SALISBURY

*A Private Hospital for the Care and Treatment of those of both sexes suffering from MENTAL DISORDERS.*

Extensive grounds. Detached Villas. Chapel. Garden and Dairy Produce from own farm. Terms very moderate.

CONVALESCENT HOME AT BOURNEMOUTH — Detached Villas standing in 12 acres of ornamental grounds, with tennis courts, etc., which Voluntary, Temporary or Certified Patients may visit by arrangement for long or short period.

Illustrated Brochure on application to the Medical Superintendent. The Old Manor, Salisbury. Telephone: Salisbury 3216 and 3217.

# CRICHTON ROYAL, DUMFRIES For NERVOUS AND MENTAL DISORDERS

Separate Villa for patients suffering from the effects of alcoholism and drug addiction. Every facility for complete investigation and individual treatment on the most modern lines. Fully equipped gymnasium, golf course, and indoor swimming pool. Specially trained occupational and recreational therapists. Special Department for Insulin Therapy. As the hospital is well endowed terms are exceptionally moderate, e.g., First Department from 3 guineas per week, Second Department, 2 and 2½ guineas per week. Voluntary and certified patients are received. Medical Certificates given anywhere in the British Isles are valid for admission of patients. *For prospectus, necessary forms, and further information apply to:—*

Physician Superintendent, P. K. McCowan, J.P., M.D., F.R.C.P., D.P.M., Barrister-at-Law. Tel. Dumfries 1119

# HOLLOWAY SANATORIUM VIRGINIA WATER

**A Registered Hospital for the Treatment of MENTAL DISORDERS of the EDUCATED CLASSES. Founded by THOMAS HOLLOWAY in 1885.**

This Institution is situated in a beautiful and healthy locality within easy reach of London. It is fitted with every comfort. Patients can have Private Bedrooms and Special Nurses as well as the use of General Sitting Rooms, at moderate rates of payment. Voluntary Patients can be admitted.

There is a Branch Establishment at CANFORD CLIFFS, BOURNEMOUTH, where Patients can be sent for a change and be provided with all the comforts of a well-appointed home.

*For Terms, apply to—*

**The RESIDENT MEDICAL SUPERINTENDENT, St. Ann's Heath, Virginia Water, SURREY**

# THE MAUDSLEY HOSPITAL, DENMARK HILL, S.E.5.

A CLINIC for Neuroses and Curable Mental Disorder instituted by the London County Council. Facilities for *out-patient treatment only*. Cases seen from 9.30 A.M. to 12 NOON on Mondays, Wednesdays and Fridays. Inquiries of medical officer in charge at Sutton E. Hospital, Sutton, Surrey. Clinics for children are held at the Maudsley Hospital at 10 A.M. on Mondays.

Out-patient clinics are held also at St. Charles' Hospital, St. Charles' Square, Ladbroke Grove, W.10, at 10 A.M. on Wednesdays and Fridays for adults; at St. Mary (Islington) Hospital, Highgate Hill, N.19, for adults on Tuesdays and Fridays at 2 P.M.; and at Mile End Hospital, Bancroft Road, E.1, for adults on Thursdays at 10 A.M.

Attendance at the Children's Clinics at the Maudsley Hospital and at the Clinics at St. Charles', St. Mary (Islington), and Mile End Hospitals should be by appointment with the Psychiatric Social Worker at Mill Hill E. Hospital, N.W.7.

Hours of attendance subject to alteration.

# ROYAL EARLSWOOD INSTITUTION
## REDHILL, SURREY

**For MENTAL DEFECTIVES of all ages**

Training under medical supervision. Schools, Farm, Trade Workshops, Recreations. Fees £110 to £375 p.a. Election by votes of subscribers at reduced terms for necessitous trainable cases.

Apply, Secretary. Tel.: Redhill 344

# NORTHUMBERLAND HOUSE
GREEN LANES,
FINSBURY PARK, N.4

**A PRIVATE HOSPITAL for the treatment of mental and nervous illnesses. Conveniently situated and easy of access from all parts. Occupational Therapy, Psychotherapy, and other modern forms of treatment. A.R.P. Shelters.**

*Telephone:* Stamford Hill 2688.

For further particulars apply to the MEDICAL SUPERINTENDENT

# THE MAGHULL HOMES FOR EPILEPTICS (INC.)

MAGHULL (Near Liverpool)

FARMING and OPEN AIR OCCUPATION for PATIENTS

A few vacancies in 1st and 2nd Class Houses.

FEES:
1st Class (men only) from £5 5s. p.w. upwards.
2nd Class (men and women) 32/- p.w.

*For further particulars apply*
Secretary,

C. EDGAR GRISEWOOD, A.C.A., 20 Exchange St. East, Liverpool

# CITY OF LONDON MENTAL HOSPITAL
**Near DARTFORD, KENT.**

Ladies and Gentlemen received for treatment under certificates, and without certificates as either VOLUNTARY or TEMPORARY PATIENTS, at a weekly fee of £2 9s., and upwards.

**THE GROVE HOUSE,**
**CHURCH STRETTON, SHROPSHIRE.**

Private Home for Ladies mentally ill. Voluntary and Temporary Patients received.

Medical Superintendent: Dr. J. A. MCCLINTOCK

# HEIGHAM HALL, NORWICH

PRIVATE MENTAL HOME for Nervous and Mental Illness. All forms of treatment available. Fees from 4 gns. per week upwards according to requirements. Vacancies occasionally exist at reduced fees on the recommendation of the patient's own physician.

Apply to Dr. J. A. SMALL. Telephone: Norwich 80

# The Willesden General Hospital,
Harlesden-road, N.W.10.
(136 Beds.)

Applications are invited from registered medical practitioners for the appointment of a CASUALTY OFFICER (A), to become vacant on 1st April, 1941, including R practitioners within three months of qualification. The appointment will be for a period of six months. Salary at the rate of £166 13s. 4d. per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than 21st March, 1941. J. N. DRAKE, Secretary.

# Royal Free Hospital,
Gray's Inn-road, W.C.1.

Applications are invited from registered medical practitioners for the appointment of RESIDENT ASSISTANT MEDICAL REGISTRAR (B1). The duties will comprise mainly those of Casualty Officer.

Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply. Salary £550 per annum, payable by the Ministry of Health.

Applications, stating age, and accompanied by copies of three recent testimonials, should be sent to the undersigned (from whom all information may be obtained) on or before 5th April. Duties to commence 1st May, 1941.

RICHARD T. BARTLEY, Secretary.

**UNIVERSITY EXAMINATION POSTAL INSTITUTION**

**17, RED LION SQUARE, LONDON, W.C.1**

Over 50 years' experience

**POSTAL AND ORAL COACHING**

FOR

**ALL MEDICAL EXAMINATIONS**

**MEDICAL PROSPECTUS (36 pages),**
sent gratis, along with List of Tutors, &c., on application to the Principal, 17, Red Lion-square, London, W.C.1. (Telephone: HOLborn 6313.)

## University College, London.

Applications are invited for the post of TEMPORARY JUNIOR DEMONSTRATOR IN ANATOMY. Salary £250 (candidate possessing medical qualifications £350).

Further particulars may be obtained from the SECRETARY, University College, London, at Stanstead Bury, Stanstead Abbotts, near Ware, Herts.

## Examining Surgeons:

FACTORIES ACT, 1937.

The following appointments as EXAMINING SURGEON under the Factories Act, 1937, are vacant.

Applications should be sent to the Chief Inspector of Factories, Cleland House, Page-street, S.W.1.

| *District.* | *County.* | *Latest date for receipt of application.* |
|---|---|---|
| SHERBORNE .. | DORSET .. | 25th March, 1941 |
| MARKINCH .. | FIFE .. | 25th March, 1941 |

## British Postgraduate Medical School.

(UNIVERSITY OF LONDON.)

Applications are invited from registered medical practitioners, Male and Female, for the appointment of HOUSE SURGEON (A) in the Department of Surgery and Department of Obstetrics, including R practitioners within three months of qualification. The appointment is for six months and carries a salary of £105 per annum, plus the usual residential emoluments.

Applications, stating age, qualifications with dates, and nationality, accompanied by copies of three recent testimonials, should be sent not later than Tuesday, 18th March, 1941, to the DEAN, British Postgraduate Medical School, Ducane-road, W.12.

## The Royal Cancer Hospital (Free)

(Incorporated under Royal Charter),
Fulham-road, London, S.W.3.

Applications are invited from registered medical practitioners for the appointment of RESIDENT MEDICAL OFFICER (B1), to commence duties on the 1st April, 1941. Applicants should have held house appointments and had surgical experience. The appointment is for twelve months at a salary at the rate of £350 per annum, with board, residence, and laundry. Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply.

Applications, to be made on a form which will be supplied by the Secretary, with copies of not more than three recent testimonials, to be sent to the Secretary not later than the first post on Monday, 17th March, 1941.

CLEMENT COBBOLD, Secretary.

## National Temperance Hospital,

Hampstead-road, N.W.1.

Applications are invited for the post of Two HOUSE SURGEONS under the M.S. (A posts), including R practitioners within three months of qualification. The appointments are for a period of six months, commencing immediately. Salary £120 per annum, with board, residence, and laundry.

Applications, stating qualifications, age, &c., with copies of not more than three testimonials, by March 18th, addressed to the SECRETARY.

## Hospital for Consumption and Diseases

OF THE CHEST, Brompton, S.W.3.

The Committee of Management invite applications from registered medical practitioners, including R practitioners who now hold A posts, for the post of HOUSE PHYSICIAN (B2), for which there are two vacancies. The duties include work in the Out-patient Department as well as in the Wards, and the appointment is for six months commencing 1st May, with an honorarium of £50.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of one or more recent testimonials, should reach the undersigned not later than Saturday, 22nd March, 1941.

F. G. ROUVRAY, Secretary.

Brompton, March, 1941.

## St. Thomas's Hospital Medical School.

(UNIVERSITY OF LONDON.)

ANATOMY.

Applications are invited for the appointment of a Whole-time DEMONSTRATOR IN ANATOMY.

The Anatomy Department is located at Godalming, Surrey.

Salary £400–£500 per annum (according to experience) under the Federated Superannuation System for Universities.

Applications, in duplicate, with full academic record and experience, must be received not later than the 30th March, 1941, by the DEAN of the Medical School, Manor House, Godalming, Surrey.

The appointment will start on the 1st May, 1941.

## The Queen Elizabeth Hospital,

EDGBASTON, BIRMINGHAM.

Applications are invited from registered medical practitioners (Male and Female) for the appointment of ASSISTANT BACTERIOLOGIST (B2) including R practitioners who now hold A posts. Duties to include routine Bacteriology and Hæmatology; previous experience not essential. Salary £350 per annum. If held by an R practitioner, appointment will be limited to six months.

Applications, stating age, qualifications and experience, together with copies of three recent testimonials, should be sent to the undersigned at once.

G. HURFORD, Secretary, Birmingham United Hospital.

The Queen Elizabeth Hospital, Edgbaston, Birmingham, 15.

## Physiological Research.

Physiologists and pharmacologists are invited to apply before 21st March for a post on the Research Staff of the PHARMACEUTICAL SOCIETY OF GREAT BRITAIN, which is at present working near Reading. Experience of research on hormones and pharmacology is desirable.

Applicants should supply a brief typewritten account of their experience, a list of publications, and the names of two referees. The appointment will be for three years in the first instance. Salary £300–£500 a year, according to experience.

Applications to the SECRETARY of the Society, 17, Bloomsbury-square, London, W.C.1.

## Memorial Hospital, Shooters Hill,

London, S.E.18.

GENERAL HOSPITAL. (112 Beds.)

Applications are invited from Male registered medical practitioners for the appointment of JUNIOR RESIDENT MEDICAL OFFICER (A), to become vacant shortly, including R practitioners within three months of qualification. If held by an R practitioner the appointment will be for a period of six months. Salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

R. S. G. HUTCHINGS, Secretary.

## The Royal Waterloo Hospital,

Waterloo-road, S.E.1.

Applications are invited from registered medical practitioners (Male) for the appointment of a CASUALTY OFFICER AND HOUSE PHYSICIAN (B2), immediately vacant, including R practitioners who now hold A posts. If held by an R practitioner the appointment will be limited to six months. Otherwise it will be subject to renewal. Salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

J. H. TEASDALE, Secretary.

## Metropolitan Borough of Lewisham.

APPOINTMENT OF TUBERCULOSIS OFFICER.

The Council of the above Borough invites applications from registered medical practitioners for the appointment of Tuberculosis Officer. Candidates must possess the qualifications prescribed by the Local Government (Qualifications of Medical Officers and Health Visitors) Regulations, 1930, so far as they apply to Tuberculosis Officers, and should hold the Diploma in Public Health, and should also have had experience in X-ray work in connexion with Tuberculosis.

The person appointed will have charge of the Tuberculosis Dispensary under the administrative direction and control of the Medical Officer of Health, and will perform such other duties as may be considered necessary by the Medical Officer of Health.

The inclusive salary will commence at the rate of £750 per annum, rising by annual increments of £50 to a maximum of £1100 per annum.

The successful candidate will be required to devote whole time to the service of the Council and shall not engage in private practice. The appointment will be terminable by three months' notice on either side and will be subject to the provisions of the Local Government Superannuation Act, 1937.

Applications must be made on forms to be obtained from the undersigned, accompanied by copies of not more than three recent testimonials; must be sealed up and endorsed "Tuberculosis Officer," and must be sent to the undersigned not later than the 7th April, 1941.

Canvassing members of the Council, either directly or indirectly, is prohibited. JOHN T. DUFF, Town Clerk.

Lewisham Town Hall, Catford, S.E.6, 7th March, 1941.

# HIS MAJESTY'S COLONIAL SERVICE

## THE COLONIAL MEDICAL SERVICE

## VACANCIES FOR MEDICAL OFFICERS

**The maintenance of an efficient Colonial Medical Service constitutes a vital part of the national war effort and it is most important that the Service should be assured of an adequate supply of doctors.**

**The Secretary of State for the Colonies therefore invites applications from doctors possessing a medical qualification registrable in the United Kingdom who are British subjects and who are under thirty-five years of age.**

**Medical Officers are appointed in the first instance for general service. But there are ample opportunities for work in special branches of medicine and surgery, in public health and in medical research.**

**The normal salary scale is from £600 to between £1,000 and £1,120. There are large numbers of super-scale posts to which promotion is made on merit and which carry higher salaries.**

**Government quarters, in many cases free of rent, and first-class passages to and from the Colonies are provided, and an adequate pension scheme is in force.**

**Selected candidates are normally required to attend a course of instruction in Tropical Medicine and Hygiene either before proceeding overseas or during their first period of leave.**

**Further particulars, including the regulations governing admission to the Colonial Medical Service, may be obtained from the Director of Recruitment (Colonial Service), 29, Queen Anne's-gate, London, S.W.1.**

## St. Thomas's Hospital, Godalming.

APPOINTMENT OF RESIDENT ASSISTANT SURGEON (B1).

Applications are invited from registered medical practitioners for the appointment of Resident Assistant Surgeon at Godalming, to commence on the 1st April, 1941. Applicants should have held house appointments and had surgical experience. Preference will be given to candidates holding Diploma of F.R.C.S. Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply. Salary at the rate of £350 per annum.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent to the SECRETARY of St. Thomas's Hospital, Lambeth Palace-road, S.E.1, not later than the 22nd March.

## Metropolitan Hospital,

Kingsland-road, London, E.8.

Applications are invited from registered medical practitioners Male, for the appointment of a HOUSE SURGEON (A), to become vacant on the 1st April, including R practitioners within three months of qualification when the appointment will be for a period of six months. Salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than 24th March.

FRANK JENNINGS, House Governor and Secretary.

## The Belgrave Hospital for Children,

1, Clapham-road, S.W.9.

The Committee of Management invite applications from registered medical practitioners, Male or Female, including R practitioners within three months of qualification, for the position of SECOND RESIDENT MEDICAL OFFICER (A), which will become vacant on April 1st.

The appointment is for six months, with board, residence, and laundry provided. Salary at the rate of £100 per annum. A successful candidate would become eligible for a further emolument in the First-aid Post if willing and able to undertake the duties.

Applications, with copies of testimonials, stating age, should be forwarded as soon as possible to—

THOMAS CLAPHAM, Secretary.

## Ministry of Supply.

MEDICAL OFFICERS FOR ROYAL ORDNANCE FACTORIES.

Medical Officers (Men or Women) required for full-time service at Royal Ordnance Factories in the Provinces.

Candidates must be of British birth and parentage, fully qualified and registered, and between the ages of 41 and 55 for men (or younger if ineligible for military service) or 28 and 55 for women. Preference will be given to those who have experience of general practice in an industrial district.

Salary £750 a year (fixed rate).

Application should be made by letter only, stating age and full particulars of qualifications and experience, to the MINISTRY OF SUPPLY (S.E.3C), The Adelphi, London, W.C.2, not later than the 20th March, 1941. Quote Appts/041 (S.E.3C).

## Applications are invited from fully

qualified medical Women for the following A posts :—

ELIZABETH GARRETT ANDERSON HOSPITAL, Euston-road, N.W.1.

One RESIDENT HOUSE SURGEON for a period of six months.

OSTER HOUSE HOSPITAL, ST. ALBANS.

Two RESIDENT HOUSE SURGEONS for a period of six months.

Salaries will be pooled under the Medical Services Scheme and allocated according to experience, with a minimum of £100 per annum.

Applications, with copies of three testimonials, should be sent to the SECRETARY of the Elizabeth Garrett Anderson Hospital by 9th April, 1941.

## King Edward Memorial Hospital,

Ealing, W.13.

Applications are invited from registered medical practitioners for the appointment of RESIDENT MEDICAL OFFICER (B1), vacant 1st April, 1941. Applicants should have held house appointments and had surgical experience. Preference will be given to candidates holding Diploma of F.R.C.S. (suitably qualified R practitioners holding B2 or B1 appointments are invited to apply). Salary at the rate of £275 per annum, with full residential emoluments.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of two recent testimonials, should be sent to the undersigned as soon as possible.

R. A. MICKELWRIGHT, House Governor.

## Borough of Walthamstow.

APPOINTMENT OF DEPUTY MEDICAL OFFICER AND DEPUTY SCHOOL MEDICAL OFFICER.

The Council invite applications from Male medical practitioners under forty-five years of age for the above appointment at a commencing salary of £750 per annum, rising by annual increments of £25 to £800 per annum, plus cost-of-living bonus and car mileage allowance.

Candidates for the appointment must hold a registrable qualification in Public Health and School Medicine, and must have had at least three years' previous experience in all branches of Public Health and School Medical work.

The appointment will be subject to the provisions of the Local Government Superannuation Act, 1937, to the Council's Sick Pay Scheme, and to other conditions relative to staff appointments, and the successful candidate will be requested to pass a medical examination.

Application must be made on the approved form, which can be obtained from the undersigned, and applications endorsed "Deputy Medical Officer of Health" must be received by the undersigned by NOON on Saturday, the 12th April, 1941.

Canvassing, either directly or indirectly, will be deemed a disqualification, and candidates must disclose in writing whether to their knowledge they are related to any member of, or holder of, any senior office under the Council. A candidate who fails to do so will be disqualified, and, if appointed, will be liable to dismissal without notice.

FRANCIS G. GARNER, Town Clerk.

Town Hall, Walthamstow, E.17, 10th March, 1941.

## Derbyshire Royal Infirmary, Derby.

(General Hospital. 416 Beds.)

Applications are invited from registered medical practitioners (Male and Female) for the appointment of a CASUALTY OFFICER (A) vacant now, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Otherwise it will be for a period of twelve months.

Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

ARTHUR TAYLOR, Superintendent and Secretary.

## Northampton General Hospital.

(405 Beds.)

Applications are invited from registered medical practitioners, including R practitioners within three months of qualification, for the appointment of a HOUSE SURGEON (A), to become vacant on 1st April.

If held by an R practitioner, appointment will be for a period of six months.

Salary at the rate of £150 per annum, with board, residence, and laundry.

Applications, stating age, qualifications with dates, nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

GORDON S. STURTRIDGE, M.B., B.S., Superintendent.

10th March, 1941.

## Hampstead General Hospital,
Haverstock Hill, N.W.3.

Applications are invited from single Medical Men or Women, including R practitioners who now hold A posts, for the post of HOUSE PHYSICIAN (B2) for 6 months, vacant 1st May next. Salary £133 6s. 8d. per annum, with board, lodging and laundry.

Applications on the prescribed form with copies of three testimonials to be returned by 17th April.

KENNETH A. F. MILES, House Governor.

## Borough of Harrogate.

APPOINTMENT OF TEMPORARY DEPUTY MEDICAL OFFICER OF HEALTH AND TEMPORARY DEPUTY SCHOOL MEDICAL OFFICER.

Applications for the above post are invited from duly registered medical practitioners (Male) who possess a recognised qualification in Public Health.

The salary will be £600 per annum, rising by annual increments of £50 to £750, together with a car allowance of £50 per annum and a war bonus amounting at the present time to £18 per annum.

The duties of this officer will include medical inspection of school-children, school and infant welfare clinics, together with duties in connexion with Air Raid Precautions.

The appointment will be determinable by one month's notice on either side and is subject to the provisions of the Local Government Superannuation Act, 1937, and to the candidate passing a medical examination.

Applications, stating age, qualifications, and experience, together with copies of not more than three testimonials, should be sent to the undersigned not later than 22nd March, 1941.

The Standing Orders of the Council provide that—

(*a*) Canvassing of members of the Council, or any senior officer of the Council, directly or indirectly, will disqualify the applicant;

(*b*) Applicants shall disclose in writing whether they are related to any member of, or the holder of any senior office under the Council. Failure to do so will disqualify the applicant.

J. M. DODDS, Town Clerk.

Municipal Offices, Harrogate, 3rd March, 1941.

## Summersdale Hospital,
GRAYLINGWELL, CHICHESTER.

APPOINTMENT OF HOUSE SURGEON AND HOUSE PHYSICIAN (A Posts).

Applications are invited from registered medical practitioners for the above posts (A), including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Otherwise it will be for a period of six months in the first instance. Salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the MEDICAL SUPERINTENDENT as soon as possible.

## Christie Hospital and Holt Radium
INSTITUTE, WITHINGTON, MANCHESTER, 20.

APPOINTMENT OF SECOND RESIDENT SURGICAL OFFICER (B2).

Applications are invited from registered medical practitioners, Male and Female, for the appointment of Second Resident Surgical Officer (B2), to become vacant on May 1st, including R practitioners who now hold A posts. If held by an R practitioner the appointment will be limited to six months. Otherwise it will be for a period of twelve months. The salary is at the rate of £150 per annum, rising to £200 per annum.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than March 21st, 1941.

PERCY N. GLASS, Superintendent.

## Royal Salop Infirmary, Shrewsbury.

APPOINTMENT OF RESIDENT HOUSE SURGEON (B2).

Applications are invited from fully qualified unmarried Men for the appointment of Resident House Surgeon (B2), to become vacant on March 30th next, including R practitioners who now hold A posts.

Salary £160 per annum, with board, residence, &c. The appointment is for a period of six months.

Applications, stating age, qualifications, and nationality, accompanied by copies of three recent testimonials, to be sent to the undersigned immediately.

J. W. NOBLE, Secretary-Superintendent.

Board Room, 3rd March, 1941.

## Victoria Hospital, Accrington.

APPOINTMENT OF TWO HOUSE SURGEONS (A).

Applications are invited from registered medical practitioners for appointment of Two House Surgeons (A), including R practitioners within three months of qualifying.

If held by an R practitioner appointment will be for a period of six months.

Salary rate £175 per annum, with full residential emoluments in each case.

Application, stating age, qualifications, and nationality, and accompanied by copies of three recent testimonials, to be sent to the undersigned.

J. KENYON, Financial Secretary.

## County of Lincoln—Parts of Lindsay.

PUBLIC HEALTH DEPARTMENT.

COUNTY INFIRMARY, LOUTH, LINCS.
MEDICAL SERVICE HOSPITAL.

APPOINTMENT OF RESIDENT MEDICAL OFFICER (B2).

Applications are invited from registered medical practitioners, Male or Female, for appointment as one of the Resident Medical Officers (B2), including R practitioners holding A posts. The appointment is for six months, and will be terminable by one month's notice on either side. Salary at the rate of £200 per annum.

Applications, stating age, qualifications with dates, nationality, and accompanied by copies of three recent testimonials, should be sent to the Medical Superintendent, County Infirmary, Louth, Lincs., as soon as possible.

W. S. H. CAMPBELL,
County Medical Officer of Health.

Public Health Department, County Offices, Lincoln,
1st March, 1941.

## County Borough of Smethwick.

ST. CHAD'S HOSPITAL.

HOUSE SURGEON (A Post).

Applications are invited from registered medical practitioners, Male and Female, for the appointment of House Surgeon at the Council's Municipal Hospital, including R practitioners within three months of qualification. The salary attaching to such appointment will be at the rate of £150 per annum, with the usual emoluments. If held by an R practitioner the appointment will be limited to six months; otherwise it may be renewed for a further period of six months, at the rate of £200 per annum.

St. Chad's Hospital contains 147 Beds, and the cases treated include general medical, acute surgical, and maternity patients. It is staffed by the Honorary Consultants of the Birmingham Teaching Hospitals.

Forms of application may be obtained from the Medical Superintendent, St. Chad's Hospital, Hagley-road, Birmingham, 16, to whom applications, endorsed "House Surgeon" and accompanied by copies of three recent testimonials, must be delivered not later than 27th March, 1941.

Canvassing, directly or indirectly, will disqualify.

FRANK CHAPMAN, Town Clerk.

Council House, Smethwick, 5th March, 1941.

## Royal Victoria Infirmary, Newcastle
UPON TYNE.

TEMPORARY WHOLE-TIME JUNIOR SURGICAL REGISTRAR.

Applications are invited, as soon as possible, for the post of whole-time Junior Surgical Registrar.

Candidates must be registered in Medicine and in Surgery.

The rate of remuneration is £150 per annum.

Applications, with copies of not more than three testimonials, should be sent as soon as possible to the undersigned, from whom any further particulars may be obtained.

S. DUNSTAN, House Governor and Secretary.

5th March, 1941.

## Bedford County Hospital.

Applications are invited from registered medical practitioners, Male and Female, for the appointment of a CASUALTY AND EAR, NOSE, AND THROAT OFFICER (A), to become vacant immediately, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Otherwise it will be for a period of six to twelve months. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the SECRETARY, Hon. Medical Staff Committee, as soon as possibe.

## Royal Hampshire County Hospital,
WINCHESTER. (457 Beds.)

Applications are invited from registered medical practitioners, including R practitioners within three months of qualification, for the appointment of HOUSE SURGEON (A). The appointment will be for a period of six months. Salary is at the rate of £175 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

H. EWART MITCHELL, Superintendent and Secretary.

## Croydon General Hospital.

APPOINTMENT OF CASUALTY HOUSE SURGEON (A).

Applications are invited from registered medical practitioners, including R practitioners within three months of qualification, for the appointment of a Casualty House Surgeon (A). The appointment will be for six months. Salary at the rate of £200 per annum, with board, residence, and laundry.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than 21st March, 1941.

GEORGE H. DAMS, House Governor and Secretary.

4th March, 1941.

## Durham County Council and Barnard
CASTLE URBAN AND RURAL DISTRICT COUNCILS.

ASSISTANT SCHOOL MEDICAL OFFICER AND MEDICAL OFFICER OF HEALTH.

Applications are invited for the post of Medical Officer who will act as Assistant School Medical Officer for the Durham County Education Authority and as Medical Officer of Health for the Barnard Castle Urban and Rural District Councils.

The salary will be at the rate of £800 per annum. Travelling expenses will be payable according to the County Scale in respect of the work of Assistant School Medical Officer.

The successful candidate will be required to devote six-elevenths of his time to the duties of Assistant School Medical Officer and five-elevenths to the duties of Medical Officer of Health. Salary will be paid by the two authorities in the same proportion.

Applicants should have experience in the work of School Medical Inspection, and preference will be given to candidates who—

(*a*) Have had experience in the work of School Clinics;
(*b*) Have been accustomed to make special reports on Mentally Defective, Physically Defective, Epileptic, and other Defective Children.

The possession of a Diploma in Public Health is essential.

The appointment will continue until terminated (*a*) by the termination of the appointment as Medical Officer of Health in accordance with Section 110 of the Local Government Act, 1933, or (*b*) as Assistant School Medical Officer by three calendar months' notice given by the officer in writing and ending on the last day of any calendar month.

The appointment will be subject to the approval of the Board of Education and the Minister of Health, and the person appointed will not be permitted to engage in private practice.

The person appointed will be required to reside in or near Barnard Castle.

Canvassing, directly or indirectly, is prohibited and will disqualify.

The appointment will be subject to the provisions of the Local Government Superannuation Act, 1937, and the candidate will be required to pass the medical examination in connexion therewith.

Other terms and conditions of appointment (including conditions relative to payment of salary in case of sickness) to be in accordance with the County Regulations.

Forms of application, to be returned not later than Saturday, March 22nd, 1941, may be obtained from the Director of Education, Shire Hall, Durham, on receipt of a stamped addressed foolscap envelope.

THOS. B. TILLEY, Director of Education.

Shire Hall, Durham, February 24th, 1941.

## Huntingdon County Hospital.
(Voluntary General. 72 Beds.)

HOUSE SURGEON (A) required. Salary £125 per annum, with board and residence. R practitioners within three months of qualification may apply, when appointment will be limited to six months.

Applications, with copies of two testimonials, stating age, sex, nationality, qualifications, and photograph if available, to

Dr. C. E. HICKS.

Huntingdon County Hospital.

## Horton General Hospital, Banbury.

Applications are invited from qualified medical Men or Women for the following posts:—

(*a*) SENIOR RESIDENT MEDICAL OFFICER (B2 post). Salary £180 per annum, with board, residence, and laundry. R practitioners now holding A posts may apply.
(*b*) JUNIOR RESIDENT MEDICAL OFFICER (A post). Salary £150 per annum, with board, residence, and laundry. R practitioners within three months of qualification may apply, when appointment will be limited to six months.

Applications, giving age, sex, and experience, to be addressed to

RICHARD H. PRESCOTT, Secretary and House Governor.

Horton General Hospital, Banbury, Oxon.

## General Hospital, Nottingham.
(501 Beds.)

Applications are invited from registered medical practitioners (Male and Female), including R practitioners within three months of qualification, for the appointment of RESIDENT CASUALTY OFFICER (A) for the above Hospital—duties to commence as soon as possible. The appointment is for six months. Salary at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and copies of testimonials, should be sent to the undersigned.

HENRY M. STANLEY, House Governor and Secretary.

## Mansfield and District General
HOSPITAL. (256 Beds.)

Applications are invited from registered medical Male practitioners, including R practitioners within three months of qualification, for the appointment of a HOUSE SURGEON (A). Duties to commence on or after 15th March. If held by an R practitioner the appointment will be limited to six months. Salary at the rate of £159 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by three copies of recent testimonials, should be sent to the undersigned forthwith.

A. ASHWORTH, Secretary.

## County Council of Durham.
EDUCATION DEPARTMENT.

TEMPORARY ASSISTANT SCHOOL MEDICAL OFFICER.

The County Education Committee invite applications for the post of Temporary Assistant School Medical Officer, to act under the School Medical Officer in connexion with the inspection of school-children and such other duties as may be required by the Education Committee.

Commencing salary £500 per annum (provided the candidate has had not less than three years' post-graduate experience), rising by annual increments of £25 to £700 per annum, together with travelling expenses according to the County Scale.

The successful candidate will be required to devote his whole time to the duties of the office and reside in or near the district to which he will be attached, at a place to be approved by the Education Committee.

The appointment will automatically terminate on the return from War Service of the officer whose post is being temporarily filled, otherwise by three months' notice on either side expiring on the last day of any calendar month.

Applicants must have had experience in the work of school medical inspection, and preference will be given to candidates who (*a*) have had experience in the work of School Clinics; (*b*) have been accustomed to make special reports on Mentally Defective, Physically Defective, Epileptic, and other Defective Children.

The possession of a Diploma in Public Health is desirable though not essential.

Canvassing, directly or indirectly, is prohibited and will disqualify. A deduction will be made from the salary in accordance with the Local Government Superannuation Act, 1937, and the appointment will be subject to the candidate passing the medical examination in connexion therewith.

Other terms and conditions of appointment (including conditions relative to payment of salary in case of sickness) to be in accordance with the County Regulations.

Forms of application, to be returned not later than Saturday, March 22nd, 1941, may be obtained from the Director of Education, Shire Hall, Durham, on receipt of a stamped addressed foolscap envelope.

THOS. B. TILLEY, Director of Education.

Shire Hall, Durham, February 24th, 1941.

## North Riding Infirmary, Middlesbrough
(General Hospital—143 Beds—Three Residents.)

Applications are invited from registered medical practitioners, including R practitioners within three months of qualification, for the appointment of CASUALTY HOUSE SURGEON (A) which is now vacant. Salary £150 per annum, with board, residence, and laundry. Appointment will be for six months.

Applications, stating age, qualifications, and accompanied by copies of recent testimonials, should be sent to the undersigned forthwith.

GERALD A. KENYON, Secretary-Superintendent.

## North Riding Infirmary,
MIDDLESBROUGH.
(General Hospital: 143 Beds—Three Residents.)

Applications are invited from qualified medical practitioners (including R practitioners within three months of qualification) for the appointment of HOUSE SURGEON (A), which will become vacant on the 1st March, 1941. Salary £170 per annum, with board, residence, and laundry. If held by an R practitioner, appointment will be for a period of six months.

Applications, stating age, qualifications, and accompanied by copies of recent testimonials, should be sent to the undersigned forthwith.

GERALD A. KENYON, Secretary-Superintendent.

## Wolverhampton & Midland Counties
EYE INFIRMARY.

Applications are invited from registered medical practitioners, Male and Female, for the appointment of HOUSE SURGEON (B2), with Ophthalmic experience preferred, to become vacant on 1st April, 1941, including R practitioners who now hold A posts. If held by an R practitioner the appointment would be limited to six months. The salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, experience, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than 17th March.

There are 45 Beds for In-patients and large Out-patients' Department. The Infirmary is recognised as a hospital at which a full course of instruction for admission to the D.O.M.S. may be taken.

EUSTACE LEES, Secretary.

## The Guest Hospital, Dudley.
(The Resident Staff consists of a Resident Surgical Officer and Three House Surgeons.)

Applications are invited from registered medical practitioners, Male, for the appointment of HOUSE SURGEON (A) now vacant, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Salary at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned forthwith.

H. RAYMOND HURST, House Governor and Secretary

10th March, 1941.

## City of Manchester.

BOOTH HALL HOSPITAL. (760 Beds.)

APPOINTMENT OF THREE RESIDENT ASSISTANT MEDICAL OFFICERS (A).

Applications are invited from registered medical practitioners Male and Female, for the above appointments, including R practitioners within three months of qualification. One post is vacant now and the other two fall vacant in mid-May, 1941. The appointments will be for a period of six months, renewable for a further six months. If held by R practitioners the appointments will be for a period of six months.

The salary for each appointment is at the rate of £200 per annum or, if held by an R practitioner as above, £125 per annum, with full residential emoluments in addition, subject to the Manchester Corporation conditions of service.

Full information and forms of application may be obtained from the Medical Officer of Health, Hospitals Administration Section, P.O. Box No. 399, Town Hall, Manchester, 2, and applications for the post must be received by him not later than April 5th, 1941.

Canvassing in any form is prohibited.

R. H. ADCOCK, Town Clerk.

Town Hall, Manchester, 2, March 10th, 1941.

## City of Manchester.

WITHINGTON HOSPITAL. (1150 Beds.)

TEMPORARY APPOINTMENT OF RESIDENT ASSISTANT MEDICAL OFFICER (B1) TO THE TUBERCULOSIS WARDS.

Applications are invited from registered medical practitioners, Male and Female, for the above temporary appointment, to become vacant on June 1st, 1941, for the duration of the war.

The tuberculosis wards contain approximately 170 Beds. They are used for the diagnosis and treatment of all types of pulmonary tuberculosis within the city.

Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply.

The salary for the appointment commences at £350 per annum, and rises by annual increments of £25 to a maximum of £450 per annum, with board, residence, and laundry in addition, subject to the Manchester Corporation conditions of service.

Full information and forms of application may be obtained from the Medical Officer of Health, Hospitals Administration Section, Box 399, Town Hall, Manchester, 2, and applications for the post must be received by him not later than April 5th, 1941.

Canvassing in any form is prohibited.

R. H. ADCOCK, Town Clerk.

Town Hall, Manchester, 2, March 10th, 1941.

## Oldham Royal Infirmary.

(186 Beds.)

Applications are invited from registered medical practitioners, Male and Female, for the appointment of HOUSE SURGEON (A), to become vacant on the 14th April, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months.

Salary is at the rate of £175 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than the 22nd March, 1941.

F. W. BARNETT, General Superintendent and Secretary.

## Royal East Sussex Hospital, Hastings.

Applications are invited from registered medical practitioners for the appointment of a JUNIOR HOUSE SURGEON (A), to become vacant on 7th April, 1941, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months.

Salary is at the rate of £130 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than 25th March next.

WILFRID G. KEMSLEY, Secretary and House Governor.

## The King Edward VII Welsh National

MEMORIAL ASSOCIATION.

Applications are invited from registered medical practitioners, Male and Female, for the appointment of ASSISTANT RESIDENT MEDICAL OFFICER (B2), to become vacant immediately, including R practitioners who now hold A posts. If held by an R practitioner the appointment will be limited to six months; otherwise it will be for a period of one year.

The salary is at the rate of £200 per annum, with full residential emoluments.

The vacancy occurs at SULLY HOSPITAL, SULLY, GLAM. (300 Beds for the treatment of pulmonary tuberculosis), situate between Penarth and Barry.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than Wednesday, March 26th, 1941.

D. A. POWELL, Principal Medical Officer.

Memorial Offices, Cathays Park, Cardiff, March 10th, 1941.

## Lancashire County Council.

PUBLIC ASSISTANCE COMMITTEE.

LAKE HOSPITAL AND DARNTON HOUSE, ASHTON UNDER LYNE, near MANCHESTER.

Applications are invited from registered medical practitioners, Male or Female, including R practitioners who now hold A posts, for the appointment of RESIDENT MEDICAL OFFICER (B2) at the above Hospital and Institution, comprising 300 and 525 Beds respectively. The Hospital is recognised as a complete training school for nurses.

Salary is at the rate of £250 per annum, together with the usual residential emoluments, and the successful applicant will be required to take up duty as early as possible.

If the successful applicant is an R practitioner the appointment will be limited to six months, otherwise the person appointed will be eligible for reappointment for a further period of six months.

Forms of application may be obtained from the County Medical Officer of Health, Hospital and Medical Department, County Offices, Preston, to whom all applications, accompanied by copies of not more than two recent testimonials, must be forwarded not later than Wednesday, 26th March, 1941.

GEORGE ETHERTON, Clerk of the County Council.

County Offices, Preston, 9th March, 1941.

## The Prince of Wales's Hospital,

PLYMOUTH.

Amalgamating—

SOUTH DEVON AND EAST CORNWALL HOSPITAL, Greenbank-road;
ROYAL ALBERT HOSPITAL, DEVONPORT;
CENTRAL HOSPITAL, Lockyer-street.

Applications are invited from registered medical practitioners for the appointments of HOUSE SURGEON (A) for duty at Greenbank Road, JUNIOR HOUSE SURGEON (A) for duty at Devonport, and RESIDENT ANÆSTHETIST and HOUSE SURGEON to the SPECIAL DEPARTMENTS (A) for duty at Greenbank-road, now vacant, including R practitioners within three months of qualification. Salaries at the rate of £132 per annum, with full residential emoluments in each case.

Applications are also invited from registered medical practitioners for the appointment of SENIOR HOUSE SURGEON (B2) for duty at Devonport, to become vacant on 8th May, including R practitioners who now hold A posts. The salary is at the rate of £150 per annum, with full residential emoluments.

If held by R practitioners, appointments will be for a period of six months.

Applications, stating age, qualifications with dates, and nationality, experience, and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately, but in any case not later than the 28th March.

ARTHUR R. CASH, General Superintendent.

Greenbank-road, Plymouth.

## City of Plymouth.

CITY GENERAL HOSPITAL. (635 Beds.)

APPOINTMENT OF JUNIOR ASSISTANT RESIDENT MEDICAL OFFICER (A).

Applications are invited from duly qualified and registered medical practitioners (Male and Female), including R practitioners within three months of qualifying, for the appointment of Junior Assistant Resident Medical Officer (A).

There are two vacancies, one on the medical side and the other on the surgical side of the Hospital. Candidates having a preference should state for which appointment they wish to be considered.

The appointments will be for a period of six months and will be terminable by one month's notice on either side.

Salary at the rate of £250 per annum, with full residential emoluments. All fees received by the officer must be refunded to the Council.

Further details may be obtained from the Medical Superintendent.

Forms of application may be obtained from the undersigned and should be forwarded, together with copies of not more than three recent testimonials, forthwith.

T. PEIRSON, Medical Officer of Health.

Town Hall, Stonehouse, Plymouth.

## Royal Sussex County Hospital,

BRIGHTON. (375 Beds.)

Applications are invited from registered medical practitioners (Male) for the following appointments (in the case of the B2 appointment, including R practitioners who now hold A posts, and in the case of A appointments, including R practitioners within three months of qualification):—

HOUSE PHYSICIAN (B2), vacant 1st May, 1941.

HOUSE SURGEON (A), now vacant.

Salary in each case £150 per annum, with full residential emoluments.

CASUALTY HOUSE SURGEON (A), now vacant.

Salary £120 per annum, with full residential emoluments.

If held by R practitioners the appointments will be for a period of six months.

Applications, stating age, qualifications with dates, nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

L. L. W. LANCASTER-GAYE, Secretary-Superintendent.

## Staffordshire, Wolverhampton and DUDLEY JOINT BOARD FOR TUBERCULOSIS.

APPOINTMENT OF RESIDENT MEDICAL SUPERINTENDENT, GROUNDSLOW SANATORIUM, TITTENSOR.

Applications are invited from registered medical practitioners (Male) for the above-mentioned appointment. The Sanatorium will have 118 Beds and all modern facilities for the diagnosis and treatment of pulmonary tuberculosis. Extensions are nearing completion.

Candidates must have had recent experience in the treatment of tuberculosis, including pneumo-thorax and X-ray work. They must have held residential appointments and administrative experience in a sanatorium will be considered an advantage.

The salary scale will be £895 per annum, rising bi-annually by £50 to a maximum of £1045 per annum. The candidate appointed will be required to reside in a modern house in the Sanatorium grounds and will be charged therefor a rent (inclusive of rates and water charges) of £95 per annum. No other emoluments will be provided.

The successful candidate will be required to devote the whole of his time to the duties of the office and will be under the control of the Medical Officer of the Joint Board.

The post is subject to the Local Government Superannuation Act, 1937, and the successful candidate will be required to pass satisfactorily a medical examination and to produce his birth certificate. The appointment will be subject to three months' notice on either side.

Applications, stating age, qualifications, and experience, accompanied by copies of three recent testimonials, should reach the undersigned not later than 22nd March, 1941.

Canvassing members of the Joint Board will be deemed a disqualification, and the candidate should state whether he is related to any such member.

H. L. UNDERWOOD, Clerk of the Joint Board.

County Buildings, Stafford, 26th February, 1941.

## Government of Southern Rhodesia.

PUBLIC HEALTH DEPARTMENT.

WHOLE-TIME MEDICAL INSPECTOR OF SCHOOLS.

A whole-time Male Medical Officer is required to carry out the medical inspection of children attending the Government and State-aided schools in Southern Rhodesia. The Medical Inspector will be required, in addition, to undertake any duties connected with public health which the Medical Director may assign to him from time to time.

He will be attached to the Public Health Department and will work under the supervision of the Medical Director of the Colony. Private practice is not permitted. The applicant should not be over thirty-five years of age, and should hold a Diploma in Public Health, and should have had at least five years' experience since qualification.

The salary will be £800 per annum, rising by £50 to £1100 per annum. Travelling and subsistence allowances are payable in accordance with the Civil Service regulations of the Colony, or a commuted allowance may be paid in lieu thereof. The successful applicant may be appointed to a step in the Grade not to exceed four steps, dependent on experience. The first two years will be considered probationary and the successful applicant will be entitled to a second-class mail boat passage from England to South Africa, plus a first-class rail fare from Cape Town to Salisbury. Salary will commence from the date of assumption of duty in Salisbury.

Application should include a full statement of education, qualifications, experience, past and present appointments held, and must be supported by a certified birth certificate, copies of medical registration certificates or registrable diplomas, &c., together with testimonials or other references.

The successful applicant will be required to undergo a medical examination prior to departure from this country.

Applications will be received by the OFFICIAL SECRETARY, Office of the High Commissioner for Southern Rhodesia, Rhodesia House, 429, Strand, London, W.C.2 (from whom application form can be obtained), up to and including 21st March, 1941.

## Royal Isle of Wight County Hospital, RYDE.

APPOINTMENT OF A HOUSE PHYSICIAN AND CASUALTY OFFICER (A).

Applications are invited from registered medical practitioners Female, for the appointment of a House Physician (A) and Casualty Officer, to become vacant on March 31st next. The appointment will be for six months. Salary at the rate of £130 a year, with board, residence, and laundry.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than March 18th.

A. S. GORDON, Secretary.

## The Children's Hospital, Sheffield (INC.) (157 Beds.)

Applications are invited from registered medical practitioners, Male and Female, for the appointment of HOUSE SURGEON (A), to become vacant on 1st February, 1941, including R practitioners within three months of qualification. Appointment is for a period of six months. Salary at the rate of £100 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

T. H. G. GARTLAND, Superintendent and Secretary.

## Rochdale Infirmary and Dispensary, LANCS. (110 Beds.)

APPOINTMENT OF HOUSE PHYSICIAN (A).

The Board of Management invites applications for the appointment of House Physician (A appointment) now vacant, including R practitioners within three months of qualification. If held by R practitioner, appointment will be for a period of six months. The duties include work in the Out-patient, Aural, Ophthalmic, &c. Departments as well as in the wards. The Hospital covers a large industrial area, and affords excellent opportunity for experience.

Salary attached to the appointment is at the rate of £150 per annum, including board, residence, and laundry.

The successful candidate will be required to be a member of a medical defence society.

Applications, stating age, nationality, &c., together with copies of three recent testimonials, to be sent to the Secretary.

W. WYNNE, Secretary.

Infirmary Office, Rochdale.

## Rochdale Infirmary and Dispensary, LANCS. (110 Beds.)

APPOINTMENT OF SECOND HOUSE SURGEON (A).

The Board of Management invites applications for the appointment of Second House Surgeon (A appointment) now vacant, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months.

Salary attached to the appointment is at the rate of £150 per annum, including board, residence, and laundry.

Applications, stating age, nationality, &c., together with copies of three recent testimonials, to be sent to the Secretary.

The successful candidate must be a member of a medical defence society.

W. WYNNE, Secretary.

Infirmary Office, Rochdale.

## Addenbrooke's Hospital, Cambridge.

APPOINTMENT OF HOUSE OFFICER (A) TO THE LEYS SCHOOL ANNEXE.

Applications are invited from registered medical practitioners (unmarried), Male and Female, including R practitioners within three months of qualification, for the appointment of House Officer (A) to the Addenbrooke's Hospital Leys School Annexe (77 Beds, of which 35 are for Ear, Nose, and Throat cases and 42 for Medical and Surgical cases). The appointment will commence as soon as possible, and is for a period of six months, but is terminable at an earlier date by ore month's written notice on either side. Salary at the rate of £130 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than March 19th, 1941.

J. A. BEARDSALL, Secretary-Superintendent.

## Whitchurch Hospital, Cardiff. (740 Beds.)

APPOINTMENT OF HOUSE OFFICERS (A).

Applications are invited from registered medical practitioners for the appointments of HOUSE PHYSICIAN (A) and HOUSE SURGEON (A), including R practitioners within three months of qualification. The appointments will be tenable for a period of six months. Salary £200 per annum, with usual residential emoluments.

Applications, stating age, qualifications, nationality, and accompanied by copies of testimonials, should be forwarded to the MEDICAL SUPERINTENDENT, Whitchurch Hospital, Cardiff.

## Nottingham and Midland Eye INFIRMARY.

Applications are invited from registered medical practitioners, Male and Female, for the post of RESIDENT HOUSE SURGEON (B2) at once, including R practitioners who now hold A posts. If held by an R practitioner, the appointment will be limited to six mohths. Salary £200 per annum, with full residential emoluments. 53 Beds. Large out-patient department. Post recognised for D.O.M.S.

Applications, stating age, qualifications, and nationality, with copies of three recent testimonials, to the undersigned forthwith.

T. RUSSELL MOORE, Secretary.

The Ropewalk, Nottingham.

## Kent and Sussex Hospital, ROYAL TUNBRIDGE WELLS.

APPOINTMENT OF RESIDENT ANÆSTHETIST AND EAR, NOSE, AND THROAT HOUSE SURGEON (B2).

Applications are invited from registered medical practitioners (Male) for the appointment of Resident Anæsthetist and Ear, Nose, and Throat House Surgeon (B2), to become vacant during the month of March, including R practitioners who now hold A posts. If held by an R practitioner the appointment will be limited to six months. Otherwise it will be for a period of six months. The salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

TOM B. HARRISON, Superintendent-Secretary.

28th February, 1941.

## Hull Royal Infirmary.

Applications are invited from registered medical practitioners (Male), including R practitioners within three months of qualification, for the post of CASUALTY OFFICER (A), vacant now. If held by an R practitioner the appointment will be for a period of six months.

Applications are also invited for the post of HOUSE PHYSICIAN (B2), including R practitioners who now hold A posts, vacant now. The post is recognised for the M.D. (London) examination. If held by an R practitioner the appointment will be limited to six months.

Applications are also invited for the post of HOUSE SURGEON (B2), including R practitioners who now hold A posts, vacant now. The post is recognised for the F.R.C.S. examinations. If held by an R practitioner the appointment will be limited to six months.

The salary for each post is at the rate of £175 per annum, with full residential emoluments.

Applications, stating age, qualifications, dates, and nationality, and accompanied by copies of recent testimonials, should be sent to the undersigned.

R. J. CARLESS, House Governor.

## Hull Corporation Health Department.

ANLABY ROAD AND BEVERLEY ROAD HOSPITALS.

TEMPORARY ASSISTANT MEDICAL OFFICERS (A).

Applications are invited from registered medical practitioners of either sex, who must be single and not more than forty years of age, for the appointment of a Temporary Assistant Medical Officer (A) at each of the above Hospitals, including R practitioners within three months of qualification. If held by an R practitioner the appointment will be for a period of six months, otherwise it will be for a period of one year.

Salary £250 per annum, together with the usual residential emoluments, or, if no residence is available, an allowance in lieu thereof at the rate of £150 per annum. If the appointment is extended for more than one year the salary, subject to satisfactory service, will be increased by annual increments of £25 to a maximum of £350 per annum.

Application forms may be obtained from the MEDICAL OFFICER OF HEALTH, Guildhall, Hull, to whom they should be returned not later than 10 A.M. on Monday, 31st March, 1941.

## County Borough of Halifax.

AIR RAID PRECAUTIONS.

APPOINTMENT OF FIRST AID COMMANDANT.

Applications are invited for the position of First Aid Commandant. The person appointed will be required to take over and be responsible for the organisation and administration of the Casualty Services under the general direction of the Medical Officer of Health. He will be required to devote his whole time to the duties of the office.

The appointment is a temporary one, and the salary will be at the rate of £650 per annum.

Applications must be made on the prescribed form, to be obtained from the undersigned, and delivered, accompanied by copies of three recent testimonials, not later than first post on 26th March, 1941, endorsed "First Aid Commandant," and addressed to the Town Clerk, Town Hall, Halifax.

Canvassing, either directly or indirectly, will be a disqualification.

W. USHER, Town Clerk.

Town Hall, Halifax, 8th March, 1941.

## County of Northumberland.

ST. GEORGE'S MENTAL HOSPITAL, MORPETH.

APPOINTMENT OF RESIDENT MEDICAL SUPERINTENDENT.

The Visiting Committee of the Northumberland Mental Hospital invite applications from legally qualified and registered medical practitioners for the appointment of Medical Superintendent at their Mental Hospital, situate at East Cottingwood, Morpeth, in the County of Northumberland. The number of patients in the Hospital at present is 887.

The commencing salary will be £1250, rising by annual increments of £50 to £1400 per annum, plus emoluments consisting of an unfurnished house and light, valued for superannuation purposes at £120 per annum.

Full particulars of the terms of appointment and application forms may be obtained from me, and applications must be received by me not later than the 15th April, 1941.

C. HAROLD CARTER, Clerk of the Visiting Committee.

County Council Office, Mitford-road, Morpeth,
7th March, 1941.

## The Corbett Hospital, Stourbridge, WORCS.

Special Departments (212 Beds).

APPOINTMENT OF HOUSE SURGEON (A).

Applications are invited from registered medical practitioners, Male and Female, for the appointment of House Surgeon (A) which is now vacant, including R practitioners within six months of qualification. The appointment will be made for six months.

Salary is at the rate of £125 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned forthwith.

W. G. H. WESTON, Secretary.

## Royal Gwent Hospital, Newport, Mon.

Applications are invited from registered medical practitioners, Male, for the appointment of a HOUSE SURGEON (A), to become vacant on 4th April, 1941, including R practitioners within three months of qualification, when the appointment will be limited to six months.

Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned at once.

ALAN RUDDLE, Secretary-Superintendent.

7th March, 1941.

## Alverstoke Hospital, Gosport, Hants.

ASSISTANT RESIDENT MEDICAL OFFICER (B2).

An Assistant Resident Medical Officer is required at this Hospital (60 Beds), to begin duty about March 17th to 24th. Experience in Anæsthetics and Surgery essential. Salary £350 per annum. R practitioners holding A posts may apply, when appointment is limited to six months; otherwise for the duration of war.

Applications, stating age, qualifications with dates, nationality, and present post, with three testimonials, to be sent to—

H. LESLIE CRONK, County Medical Officer.

The Castle, Winchester.

## Bromsgrove Public Assistance AND SPECIAL HOSPITAL, BROMSGROVE.

MEDICAL OFFICER IN CHARGE OF M.S. BEDS.

Applications are invited from registered medical practitioners (Male) for this temporary appointment. Preference will be given to applicants holding higher medical or surgical qualifications.

The Hospital consists of the Public Assistance Institution and in addition a hutted unit of 650 beds erected by the Ministry of Health under the Hospital Scheme. The appointed Officer will be required to be responsible for the work of the Medical Service Unit (650 beds).

The salary will be at the rate of £900 per annum. When the Residential Quarters are complete, board and residence (unmarried quarters) and attendance will also be available, but until such time the appointed Officer will be paid at the rate of £100 per annum in lieu of these emoluments and will be required to reside as near as possible to the Hospital. The appointment will be terminable by 3 months' notice by either party.

Applications should be sent on or before the 4th April, 1941, to the County Medical Officer, Shirehall, Worcester, from whom any further particulars may be obtained.

C. H. BIRD, Clerk of the Council.

Shirehall, Worcester, 11th March, 1941.

## West Kent General Hospital (Incorporated) MAIDSTONE. (250 Beds)

Applications are invited from male registered medical practitioners for the following appointments to become vacant at the end of March or earlier:—

(1) HOUSE OFFICER (A): R practitioners within three months of qualification may apply, when appointment will be for a period of six months.

(2) HOUSE OFFICER (B2): R practitioners holding A posts may apply, when appointment will be limited to six months.

Salary at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than Saturday, 22nd March, 1941.

EDWARD J. GREGG, House Governor and Secretary.

## City of Leeds.

MEANWOOD PARK HOSPITAL.

RESIDENT MEDICAL OFFICER (B1).

Applications are invited from registered medical practitioners (Male or Female) for the appointment of Resident Medical Officer. Applicants should have previous hospital experience. Suitably qualified registered practitioners holding B2 or B1 appointments are invited to apply. Salary is at the rate of £350 per annum, with full residential emoluments.

Forms may be had from the Medical Superintendent, Meanwood Park Hospital, Leeds 6, and should be returned to him not later than 26th March, 1941.

## Herefordshire General Hospital, HEREFORD. (152 Beds.)

Immediate applications are invited from registered medical practitioners (Male) for the appointment of a HOUSE SURGEON (A) in charge of Casualty and Ear, Nose and Throat Departments, including R practitioners within three months of qualification. The appointment will be limited to six months.

Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

T. W. UPTON, Secretary.

## The Children's Hospital,
KING EDWARD VII MEMORIAL,
BIRMINGHAM, 16.

APPOINTMENTS OF THREE HOUSE OFFICERS (A).

Applications are invited from registered medical practitioners, Male and Female (including R practitioners within three months of qualification), for the above appointments to become vacant on 1st May, 1941, for a period of six months.

The salary for each post is at the rate of £75 per annum, with full residential emoluments, but if candidates have held satisfactory appointments at approved hospitals, the salary will be at the rate of £100 per annum.

Applications, stating age, qualifications with dates, and nationality, should be sent to the undersigned not later than 5th April, 1941.

HAROLD F. SHRIMPTON, House Governor.

5th March, 1941.

## The Lawn, Lincoln.
(Registered Hospital for Mental and Nervous Diseases.)

Applications are invited from registered medical practitioners, including R practitioners who now hold A posts, for an ASSISTANT MEDICAL OFFICER (B2), one with previous mental hospital experience preferred. If held by an R practitioner, appointment will be limited to six months. Salary £300 per annum, with emoluments.

Apply, THE CHAIRMAN OF GOVERNORS, The Lawn, Lincoln.

## The Hospital for Sick Children,
NEWCASTLE UPON TYNE.

Applications are invited from registered medical practitioners, Male and Female (including R practitioners within three months of qualification), for the appointment of HOUSE SURGEON (A), for six months as from 1st May, 1941. Salary at the rate of £100 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, to be sent immediately to—

J. B. CAIRNCROSS, C.A., House Governor and Secretary.

March, 1941.

## Crichton Royal Mental Hospital,
DUMFRIES.

ASSISTANT MEDICAL OFFICER (B1).

Salary, if single, £500 per annum, plus usual resident emoluments; if married, £575 per annum, plus house and fuel, light, and vegetables. Non-contributory pension scheme. Diploma in Psychiatry essential. Suitably qualified R practitioners holding B2 or B1 posts may apply.

Applications, stating experience, &c., with three recent testimonials, to the PHYSICIAN SUPERINTENDENT.

## Altrincham General Hospital.
(100 Beds—2 Residents.)

Applications are invited from registered medical practitioners for the appointment of a HOUSE SURGEON (A), to become vacant on 1st May, 1941, including R practitioners within three months of qualification. Appointment will be for a period of six months. Salary at the rate of £120 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, together with testimonials, should reach the undersigned not later than Friday, 4th April, 1941.

E. A. BIDEN, General Superintendent and Secretary.

## Royal Berkshire Hospital, Reading.

Applications are invited from registered medical practitioners (Male) for the following appointments which fall vacant on March 1st, 1941:—

HOUSE SURGEON (A);
HOUSE SURGEON to the OBSTETRIC and GYNÆCOLOGICAL DEPARTMENTS (A);

including R practitioners within three months of qualification. Both appointments are for six months. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, to be sent to the undersigned immediately.

H. E. RYAN, Secretary and House Governor.

## Royal Albert Edward Infirmary and
DISPENSARY, WIGAN.
(189 Beds.)

APPOINTMENT OF A HOUSE SURGEON (A).

Applications are invited from registered medical practitioners (Male), including R practitioners within three months of qualification, for the appointment of a House Surgeon (A), to become vacant on April 1st. If held by an R practitioner, appointment will be for a period of six months. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned without delay.

A. STANLEY BRUNT,
General Superintendent and Secretary.

6th March, 1941.

## Burton-on-Trent General Infirmary.

Applications are invited from registered medical practitioners (Male) for the appointment of CASUALTY OFFICER AND HOUSE PHYSICIAN (A), to commence duty April, including R practitioners within three months of qualification. If held by an R practitioner appointment will be for six months. Salary at the rate of £150 per annum, with usual emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, to be sent to

E. W. THORNLEY, Superintendent and Secretary.

## Salisbury General Infirmary.
(Voluntary Hospital. 225 Beds.)

APPOINTMENT OF HOUSE PHYSICIAN (B2).

Applications are invited from registered medical practitioners (Male) for the appointment of House Physician (B2), now vacant, including R practitioners who now hold A posts. If held by an R practitioner the appointment will be limited to six months. The salary is at the rate of £125 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

JOHN WILLIAMS, Secretary-Superintendent.

## Salisbury General Infirmary.
(Voluntary Hospital. 225 Beds.)

APPOINTMENT OF HOUSE SURGEON (A).

Applications are invited from registered medical practitioners Male), including R practitioners within three months of qualification, for the post of House Surgeon (A), now vacant. If held by an R practitioner, appointment will be for a period of six months. Salary is at the rate of £125 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

JOHN WILLIAMS, Secretary-Superintendent.

## The Staffordshire General Infirmary,
STAFFORD.

Applications are invited from registered medical practitioners, Male and Female, for the appointment of HOUSE SURGEON (A), to commence duties on the 21st March, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Salary £175 per annum, with board-residence.

Applications, stating age, qualifications, and experience, accompanied by copies of three recent testimonials, should be sent to me forthwith.

A. E. COLLINS, Secretary.

Stafford, 8th March, 1941.

## Blackburn Royal Infirmary.
(244 Beds—5 Residents.)

APPOINTMENT OF A HOUSE SURGEON (A).

Applications are invited from registered medical practitioners, Male, for the appointment of a House Surgeon (A), to become vacant on April 1st, including R practitioners within three months of qualification. If held by an R practitioner appointment will be limited to six months. Salary is at the rate of £175 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

T. DEWHURST, General Superintendent and Secretary.

## East Suffolk and Ipswich Hospital.
(400 Beds. Eight Residents.)

Applications are invited from registered medical practitioners (Male or Female) for the appointment of CASUALTY OFFICER (A), including R practitioners within three months of qualification. Appointment will be for six months. Salary at the rate of £144 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, to be sent to the undersigned.

ARTHUR GRIFFITHS, Secretary.

The Hospital, Ipswich, 15th March, 1941.

## Rotherham Hospital.

CASUALTY OFFICER (A).

(The Hospital being in a large industrial area this post offers good all-round experience.)

Applications are invited from registered medical practitioners (Male) for the above appointment, to become vacant on the 1st April, including R practitioners within three months of qualification. If held by an R practitioner the appointment will be for a period of six months. Salary £175 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

T. H. FLETCHER, Secretary-Superintendent.

Rotherham Hospital, Doncaster Gate, Rotherham, Yorks

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## Kent and Sussex Hospital,
TUNBRIDGE WELLS.

BROOMHILL BANK. (50 Beds.)
(Annexe to above Hospital.)

APPOINTMENT OF RESIDENT MEDICAL OFFICER (B2).

Applications are invited from registered medical practitioners, Male, for the appointment of Resident Medical Officer (B2), now vacant, including R practitioners who hold A posts.

If held by an R practitioner the appointment will be limited to six months.

The salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, accompanied by copies of three recent testimonials to be sent to the undersigned as soon as possible.

TOM B. HARRISON, Superintendent-Secretary.

February 3rd, 1941.

## York County Hospital.
(222 Beds.)

Applications are invited from registered medical practitioners for the appointment of a HOUSE SURGEON to the EYE, EAR, NOSE, AND THROAT DEPARTMENT (A), vacant immediately, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

J. R. MACKRILL, Secretary.

## Cumberland Infirmary.
(200 Beds.)

Applications are invited from single registered medical practitioners (including R practitioners within three months of qualification for the post of HOUSE SURGEON to the EYE and E.N.T. DEPARTMENTS (A) (Male), to become vacant on 1st April next.

Salary is at the rate of £160 per annum, with board, &c.

Applications, stating age, qualifications, experience, and present post, and whether free on the above date, together with copies of not more than three testimonials, should be sent immediately to the SECRETARY-SUPERINTENDENT.

Carlisle, 10th March, 1941.

## Wrexham and East Denbighshire War
MEMORIAL HOSPITAL. (170 Beds.)

Applications are invited from registered medical practitioners (Male or Female) for the appointment of RESIDENT HOUSE SURGEON (A), primarily for Ear, Nose, and Throat and Ophthalmic Departments, to become vacant on April 1st, 1941, including R practitioners within three months of qualification. The appointment is for a period of six months. Salary £150 per annum, with full residential emoluments.

Applications, stating age, nationality, experience, and qualifications, with copies of three recent testimonials, to be sent to the undersigned immediately.

LESLIE SPENCER, Secretary.

## Wrexham and East Denbighshire War
MEMORIAL HOSPITAL. (206 Beds.)

Applications are invited from registered medical practitioners (Male or Female) for the appointment of RESIDENT HOUSE SURGEON (A), including R practitioners within three months of qualification. The appointment is for a period of six months. Salary £150 per annum, with full residential emoluments.

Applications, stating age, nationality, experience, and qualifications, with copies of three recent testimonials, to be sent to the undersigned immediately.

LESLIE SPENCER, Secretary.

## Scarborough Hospital.
(140 Beds.)

Applications are invited from registered medical practitioners (Female) for the post of HOUSE SURGEON (A). The appointment is for six months, commencing from 1st May, 1941. Salary at the rate of £150 per annum, together with board, residence, laundry, &c.

Applications, stating age and experience, together with copies of not more than three recent testimonials, to be sent to the HON. SECRETARY not later than the first post on 31st March, 1941.

## Huddersfield Royal Infirmary.
(321 Beds.)

Male HOUSE SURGEON (an A appointment) required to be attached to EYE, EAR, NOSE AND THROAT DEPARTMENTS. Duties to commence immediately, and will include the administration of anæsthetics. R practitioners within three months of qualification may apply. Salary £150 per annum, with board, residence, and laundry. Appointment for six months, subject to renewal for a similar period. If held by an R practitioner the appointment will be for a period of six months.

Applications, with copies of three recent testimonials, to be addressed to the undersigned.

H. J. JOHNSON, General Superintendent and Secretary.

## Liverpool and District Hospital for
DISEASES OF THE HEART,
34, Oxford-street, LIVERPOOL, 7.

Applications are invited from registered medical practitioners (Male and Female), including R practitioners within three months of qualification, for the appointment of a HOUSE PHYSICIAN (A), to commence April 1st. If held by an R practitioner appointment will be for a period of six months. Salary is at the rate of £100 per annum, with full residential emoluments. Facilities for M.D. thesis.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

Miss J. LEWIS, Secretary.

## The Bolton Royal Infirmary.
(242 Beds.)

Applications are invited from registered medical practitioners, Male and Female, for the appointment of HOUSE PHYSICIAN (B2), to become vacant on 9th April, including R practitioners who now hold A posts. Salary at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

H. AUBREY FROGGATT, Superintendent-Secretary.

## Wanted at Midsummer, well-qualified

Man as Third PARTNER in old-established Practice in West Country Reception Area. Short preliminary Assistantship desirable. Central surgery. Vacant house available. Share producing approximately £1500 gross at two years' purchase.—Address, No. 771, THE LANCET Office, 7, Adam-street, Adelphi, London, W.C.2.

## County Mental Hospital,
LANCASTER.

LOCUM TENENS (B2) required above military age, 8 guineas per week, with board, etc. Apply Medical Superintendent.

## For Sale, Theatre Equipment, second-

hand, in good order: Bailey pedal-raising operating table, all accessories; sterilisers; Queen's battery; Hammond with 10 drums, various; lamp, Royston Shadowless, 230 volts, 28 in.; trolleys, &c., &c. Nursing Home, freehold, 12 beds, would be sold complete, Chester.—Apply, Major BLEW, Trefnant, Denbighshire.

## Industrial Medical Officer.

Assistant Industrial Medical Officer required by large engineering firm in Midlands. Candidates should be ineligible for military service. Salary not less than £650.

Applications should be submitted immediately to Address, No. 770, THE LANCET Office, 7, Adam-street, Adelphi, London, W.C.2.

## THE one man drives, the other hikes it;

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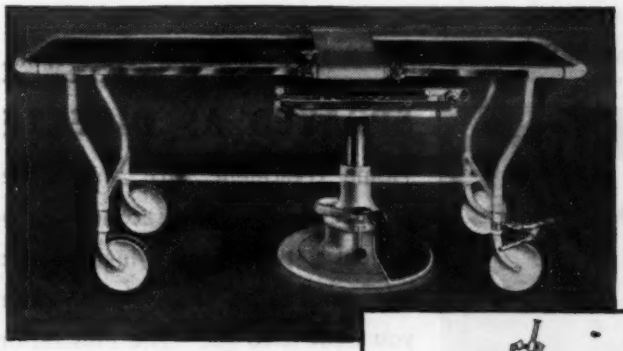

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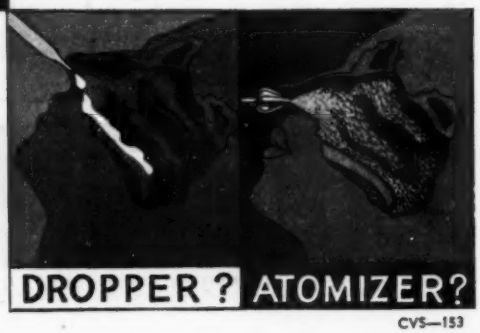


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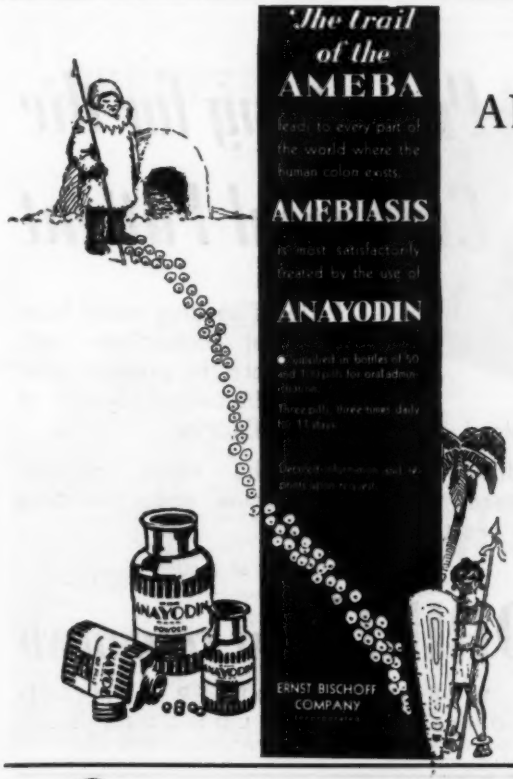


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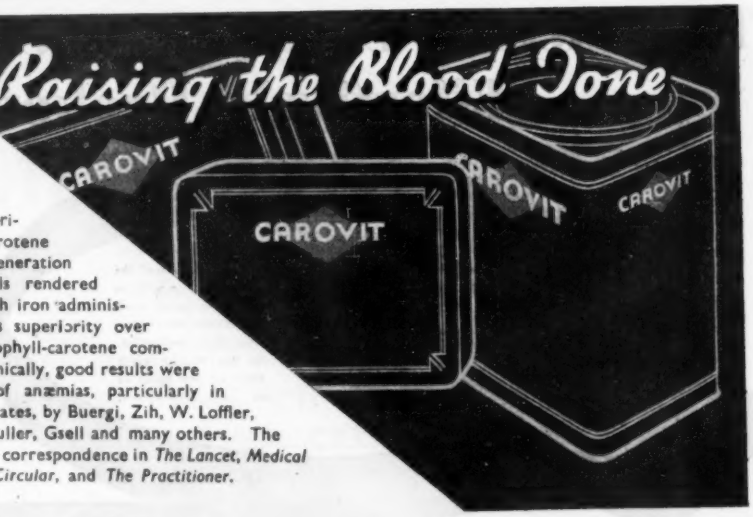


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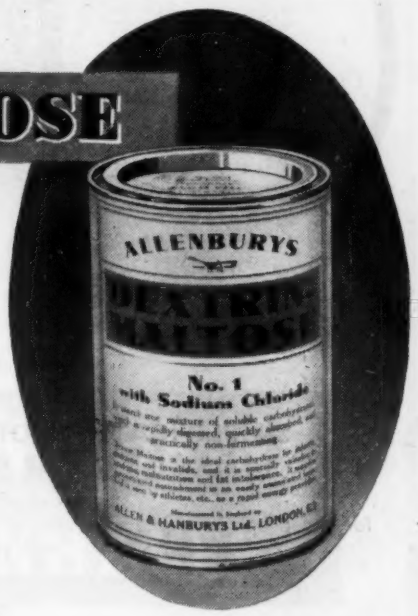


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Anacardone is indicated in asphyxia neonatorum and in all cases of cardiac and respiratory embarrassment, either during or following severe illness. For use in these conditions Anacardone is available in solution in ampoules of 2 c.c. and 5 c.c.

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Ancd/E/10

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'California Syrup of Figs' offers marked advantages over the harsher mineral and synthetic drugs. Skilfully prepared from selected figs and sennas, it effects thorough evacuation without griping or discomfort. Moreover it has no exhausting effect on the alimentary system and is completely safe and dependable in action.

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'California Syrup of Figs' may confidently be recommended as the routine laxative for children of all ages. Being pleasantly flavoured it is accepted readily by the most fastidious patient.

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**HEPATEX-T** is indicated in this condition and other deficiency diseases. HEPATEX-T is a solution containing liver, vitamin $B_1$ riboflavin, nicotinic acid and vitamin $B_6$. Each 2 cc contains 333 International Units of vitamin $B_1$ and 10 mgms. nicotinic acid.

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*Professor of Medicine at the University of Berne*

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**BRAND OF CHLOROPHYLL TABLETS**

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## Hardening Arteries, Abnormal Blood Pressure
## Cardiac Weakness, Physical Decline
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**Vide THE PRESCRIBER, Jan., 1938**

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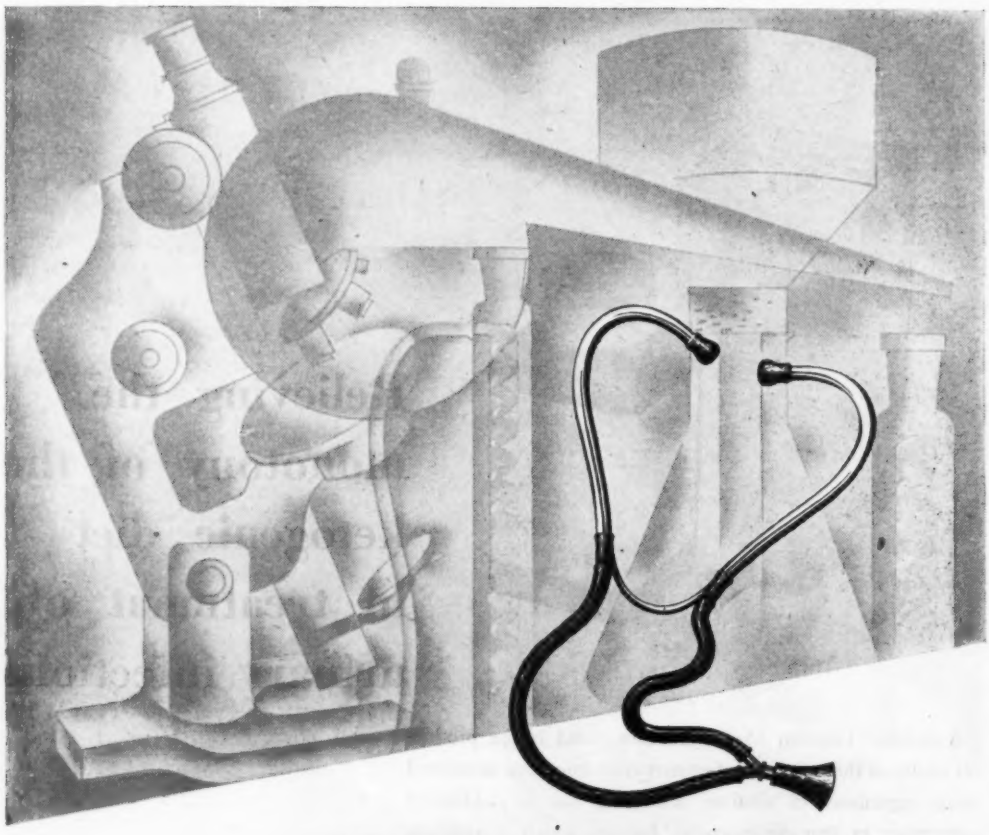

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*The Scientific Contraceptive*

Destroys spermatozoa effectively.
Contains no quinine or cacoa butter.
Non-toxic if resorbed into the system.

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*Stockists throughout the world. Tubes of 12 Tablets*

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The 'Jelloids' are highly effective in the treatment of achlorhydric anæmia and indeed in all the simple anæmias in which massive iron therapy is indicated.

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*The Iron Jelloid Company, Ltd., King George's Avenue, Watford, Herts.*

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NON-AUTOLYSED YEAST

The B Complex agent of choice; it provides 1140 I.U. per oz. of Vitamin B1 alone, and is rich in *all* the other factors. The B Vitamins form a therapeutic synergy; each contributes to the corrective effect. The high potency of all the factors in aluzyme ensures full synergic action. Official Vitamin Assay Reports and Confirmatory Tests prove that aluzyme is by far the

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## BRITISH POSTGRADUATE MEDICAL SCHOOL

(UNIVERSITY OF LONDON)

### WAR SURGERY OF THE NERVOUS SYSTEM
### 31st March to 4th April, 1941

| | | | |
|---|---|---|---|
| Monday, 31st March | 10 A.M. | The Surgical Anatomy of the Skull and Brain. | Mr. G. C. Knight, F.R.C.S. |
| | 10.30 A.M. | (a) Mechanism and Nature of the Injuries to the Skull. | Mr. G. C. Knight, F.R.C.S. |
| | | (b) Mechanism and Nature of the Concomitant Injury to the Brain. | Mr. G. C. Knight, F.R.C.S. |
| | 1.30 P.M. | Bus to Royal College of Surgeons. | |
| | 2 P.M. | Demonstration of Specimens illustrating War Surgery of the Nervous System. | Mr. G. C. Knight, F.R.C.S. |
| Tuesday, 1st April | 10 A.M. | (a) Closed Injuries of Skull and Brain, their Complications and Management. | Mr. D. W. Northfield, M.S., F.R.C.S. |
| | | (b) Immediate Treatment and Management of Wounds of Skull and Brain. | Mr. D. W. Northfield, M.S., F.R.C.S. |
| | 2 P.M. | Demonstration on the Cadaver of Operations on Skull and Brain. | Mr. A. K. Henry, F.R.C.S. |
| Wednesday, 2nd April | 10 A.M. | Surgical Sequelæ of Wounds of Skull and Brain. | Mr. G. C. Knight, F.R.C.S. |
| | 12.15 P.M. | Use of X-rays in the Diagnosis of Head Injuries. | Dr. J. Duncan White, M.B., Ch.B., D.M.R.E. |
| | 2 P.M. | Disorders following Head Injuries. | Dr. J. Purdon Martin, M.D., F.R.C.P. |
| | 3.15 P.M. | Hysterical Disorders associated with War Wounds. | Dr. Aubrey Lewis, M.D., F.R.C.P. |
| Thursday, 3rd April | 10 A.M. | Some Sequelæ of War Wounds of Skull and Brain. | Mr. Harvey Jackson, F.R.C.S. |
| | 12 NOON | Demonstration on the Cadaver of Operations on the Spine. | Mr. A. K. Henry, F.R.C.S. |
| | 1.30 P.M. | X-rays in War Injuries of the Spine. | Dr. J. Duncan White, M.B., Ch.B., D.M.R.E. |
| | 2 P.M. | War Injuries of the Spinal Cord. | Prof. Lambert Rogers, F.R.C.S., F.A.C.S., F.R.A.C.S. |
| Friday, 4th April | 10 A.M. | War Injuries of the Peripheral Nerves. | Dr. G. Riddoch, M.D., F.R.C.P. |
| | 12.30 P.M. | Lunch. | |
| | 1 P.M. | Investigations of Peripheral Nerve Lesions. | Dr. N. S. Alcock, M.B., M.R.C.P. |
| | 2.15 P.M. | Possibilities of Nerve Grafting. | Mr. F. H. Bentley, F.R.C.S. |
| | 3.15 P.M. | Care of the Bladder in Injuries of the Nervous System. | Sir Alfred Webb-Johnson, O.B.E., D.S.O., F.R.C.S. |

The fee for the Course will be one guinea, but no fee will be charged in the case of Officers of the Armed Forces and whole-time Officers of the E.M.S., who submit a leave certificate and register their names before the commencement of the Course. Applications for tickets should be addressed to the DEAN, British Postgraduate Medical School, Ducane Road, W.12.

Further War Surgery courses will commence as follows:—

OPERATIVE SURGERY IN WARTIME: Monday, 21st April.
WAR SURGERY OF THE EXTREMITIES: Monday, 12th May.
WAR SURGERY OF THE ABDOMEN: Monday, 26th May.

# ST. ANDREW'S HOSPITAL

## FOR NERVOUS AND MENTAL DISORDERS, NORTHAMPTON

*FOR THE UPPER AND MIDDLE CLASSES ONLY.*

PRESIDENT: THE MOST HON. THE MARQUESS OF EXETER, K.G., C.M.G., A.D.C.

MEDICAL SUPERINTENDENT: THOMAS TENNENT, M.D., M.R.C.P., D.P.H., D.P.M.

This Registered Hospital is situated in 130 acres of park and pleasure grounds. Voluntary patients, who are suffering from incipient mental disorders or who wish to prevent recurrent attacks of mental trouble; temporary patients, and certified patients of both sexes are received for treatment. Careful clinical, bio-chemical, bacteriological, and pathological examinations. Private rooms with special nurses, male or female, in the Hospital or in one of the numerous villas in the grounds of the various branches can be provided.

### WANTAGE HOUSE

This is a Reception Hospital in detached grounds with a separate entrance, to which patients can be admitted. It is equipped with all the apparatus for the complete investigation and treatment of Mental and Nervous Disorders by the most modern methods; insulin treatment is available for suitable cases. It contains special departments for hydrotherapy by various methods, including Turkish and Russian baths, the prolonged immersion bath, Vichy Douche, Scotch Douche, Electrical baths, Plombieres treatment, etc. There is an Operating Theatre, a Dental Surgery, an X-Ray Room, an Ultra-violet Apparatus, and a Department for Diathermy and High-frequency treatment. It also contains Laboratories for bio-chemical, bacteriological, and pathological research. Psychotherapeutic treatment is employed when indicated.

### MOULTON PARK

Two miles from the Main Hospital there are several branch establishments and villas situated in a park and farm of 650 acres. Milk, meat, fruit, and vegetables are supplied to the Hospital from the farm, gardens, and orchards of Moulton Park. Occupational therapy is a feature of this branch, and patients are given every facility for occupying themselves in farming, gardening, and fruit growing.

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The seaside house of St. Andrew's Hospital is beautifully situated in a Park of 330 acres, at Llanfairfechan, amidst the finest scenery in North Wales. On the North-West side of the Estate a mile of sea coast forms the boundary. Patients may visit this branch for a short seaside change or for longer periods. The Hospital has its own private bathing house on the seashore. There is trout-fishing in the park.

At all the branches of the Hospital there are cricket grounds, football and hockey grounds, lawn tennis courts (grass and hard courts), croquet grounds, golf courses, and bowling greens. Ladies and gentlemen have their own gardens, and facilities are provided for handicrafts, such as carpentry, etc.

For terms and further particulars apply to the Medical Superintendent (TELEPHONE: No. 2356 and 2357 Northampton), who can be seen in London by appointment.

# CHEADLE ROYAL HOSPITAL, Cheadle, Cheshire.

This REGISTERED HOSPITAL, with a SEASIDE BRANCH at Colwyn Bay, N. Wales, is for the treatment and care of those of the Upper and Middle Classes suffering from MENTAL AND NERVOUS DISEASES.

The Hospital is governed by a COMMITTEE, appointed by the TRUSTEES of the Manchester Royal Infirmary.

In addition to the Main Buildings there are separate villas. Extensive grounds. Hard and grass tennis courts, cricket and croquet grounds, and a court for badminton. There are also wireless installations. Golf may be had within easy distance. Occupational Therapy.

VOLUNTARY, TEMPORARY, AND CERTIFIED PATIENTS received.

The Hospital is nine miles from Manchester, 50 minutes by rail from Liverpool, and 3½ hours from London.

For terms and further particulars apply to the Medical Superintendent, who may be seen in Manchester BY APPOINTMENT. *Telephone: Gatley* 2231 (3 lines).

# CAMBERWELL HOUSE

Telegrams: "PSYCHOLIA, LONDON." 33, PECKHAM RD., LONDON, S.E.5. Telephone: Rodney 4242 (3 lines).

***For the treatment of MENTAL DISORDERS.***

Also completely detached Villas for Mild Cases, with private suites if desired. Voluntary Patients received. Twenty acres of Grounds. Hard and Grass Tennis Courts, Putting Greens, Bowls, Croquet, Squash Rackets, Recreation Hall with Badminton Court, and all indoor amusements, including Wireless and other Concerts, Occupational Therapy, Calisthenics, and Dancing Classes. X-ray and Actino-therapy, Prolonged Immersion Baths, Operating Theatre, Pathological Laboratory, Dental Surgery, and Ophthalmic Department. Chapel. Shock and also modified Insulin Therapy.

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# THE COTSWOLD SANATORIUM

First opened in 1898 and rebuilt in 1925 on the Cotswold Hills seven miles from Cheltenham, for the Treatment of Pulmonary and all other forms of Tuberculosis. Aspect S.S.W., sheltered from North and East, elevation 800 feet. Pure bracing air, SPECIAL TREATMENT by artificial PNEUMOTHORAX (X-ray controlled). TUBERCULINS, and ULTRA-VIOLET RAYS is available when necessary without extra charge. X-RAY plant, Fully Equipped Dental Department, Electric Light Radiators, hot and cold basins and Wireless in all rooms. Up-to-date drainage. Full day & night Nursing Staff. **Terms: 5½ to 9½ Guineas a week inclusive.**

*Med. Supt.:* GEOFFREY A. HOFFMAN, B.A., M.B., T.C. Dub. *Asst. Phys.:* MARGARET A. HARRISON, M.B., B.S. Lond. *Cons. Laryngologist:* G. N. BARKER, F.R.C.S. Edin., D.L.O. *Cons. Dent. Surgeon:* GEORGE V. SAUNDERS, L.D.S.R.C.S. Lond. *Phone:* 81 & 82 Witcombe. Apply: *The Secretary, The Cotswold Sanatorium, Cranham, Gloucester. Telegrams:* "Hoffman, Birdlip."

# COURT HALL, KENTON, near EXETER

FOR THE TREATMENT OF EIGHT LADIES, VOLUNTARY, TEMPORARY AND CERTIFIED PATIENTS

# CLIFFDEN, TEIGNMOUTH

FOR EARLY AND CONVALESCENT CASES Recreational Therapies are held daily by skilled Leaders

The house stands high with spacious balconies and extensive views of the South Devon Coast. Beautiful garden. Own Dairy in 25 acres. Private road to beach.

There is also a charming house, EBWORTHY, MANATON, DARTMOOR, situated in 20 acres, 1100 ft. up for bracing moorland air.

*Resident Physicians*—BERTHA M. MULES, M.D., B.S. ANNE S. MULES, M.R.C.S., L.R.C.P.

*Telephones*—STARCROSS 259 and TEIGNMOUTH 289

## THE RETREAT, YORK

The Pioneer Hospital, opened 1796, for the humane treatment of those suffering from Nervous and Mental Disorder

This Hospital of 200 beds, administered by a Committee of the Society of Friends, combines what is best in the investigation and treatment of nervous illness with a sympathetic and friendly atmosphere. Last year 121 patients were admitted, of whom 80 were voluntary cases.

Much curative work is accomplished in our mental hospitals to-day and the recovery rate compares very favourably with that of our general hospitals.

For information and terms of admission apply to :—
The Physician Superintendent,
ARTHUR POOL, M.R.C.P.
(Telephone : York 3612)
who is available for consultation

## NORTHUMBERLAND HOUSE

GREEN LANES,
FINSBURY PARK, N.4

A PRIVATE HOSPITAL for the treatment of mental and nervous illnesses. Conveniently situated and easy of access from all parts. Six acres of ground facing Finsbury Park. Voluntary and Temporary Patients received without certification. Occupational Therapy, Psychotherapy, and other modern forms of treatment. Air-raid Shelters have been provided.
*Telephone:* Stamford Hill 2688. *Telegrams:* "SUBSIDIARY, LONDON."
For further particulars apply to the MEDICAL SUPERINTENDENT.

## TOR-NA-DEE SANATORIUM

Managing Director : DAVID LAWSON, M.D., F.R.S.E.

FOR THE TREATMENT OF PULMONARY TUBERCULOSIS AND ALLIED DISEASES

Medical Superintendent : R. Y. KEERS, M.D.(Edin.)

For prospectus apply to The Secretary, Tor-na-Dee, Murtle, Aberdeenshire Telephone : Cults 107

## PECKHAM HOUSE, 112, Peckham Road, London, S.E.15

Telegrams : "Alleviated, London" Telephone : Rodney 2641-2642

A Private Mental Hospital, for Ladies and Gentlemen suffering from Nervous and Mental Illness, where the amenities of a comfortable home are combined with full investigation and every well-established modern treatment.

Terms from 3½ guineas weekly.

Illustrated Prospectus may be obtained from the Physician Superintendent.

## HAYDOCK LODGE,

NEWTON-LE-WILLOWS, LANCASHIRE.

For the reception and treatment of PRIVATE PATIENTS of both sexes of the UPPER AND MIDDLE CLASSES suffering from Mental and Nervous Disorders, Alcoholism and Drug addiction, either voluntarily, temporarily, or under certificate. Patients are classified in separate buildings according to their mental condition. Situated in park and grounds of 400 acres. Self-supported by its own farm and gardens in which patients are encouraged to occupy themselves. Every facility for indoor and outdoor recreation. For terms, prospectus, etc., apply MEDICAL SUPERINTENDENT. *'Phone:* Ashton-in-Makerfield 7311. *Tele. Address:* Street, Ashton-in-Makerfield.

## THE OLD MANOR SALISBURY

*A Private Hospital for the Care and Treatment of those of both sexes suffering from MENTAL DISORDERS.*

Extensive grounds. Detached Villas. Chapel. Garden and Dairy Produce from own farm. Terms very moderate.
CONVALESCENT HOME AT BOURNEMOUTH Detached Villas standing in 12 acres of ornamental grounds, with tennis courts, etc., which Voluntary, Temporary or Certified Patients may visit by arrangement for long or short period.
Illustrated Brochure on application to the Medical Superintendent. The Old Manor, Salisbury. Telephone : Salisbury 3216 and 3217.

## CRICHTON ROYAL, DUMFRIES

For NERVOUS AND MENTAL DISORDERS

Separate Villa for patients suffering from the effects of alcoholism and drug addiction. Every facility for complete investigation and individual treatment on the most modern lines. Fully equipped gymnasium, golf course, and indoor swimming pool. Specially trained occupational and recreational therapists. **Special Department for Insulin Therapy.** As the hospital is well endowed terms are exceptionally moderate, e.g., First Department from 3 guineas per week, Second Department, 2 and 2½ guineas per week. Voluntary and certified patients are received. Medical Certificates given anywhere in the British Isles are valid for admission of patients. *For prospectus, necessary forms, and further information apply to :—*
Physician Superintendent, P. K. McCowan, J.P., M.D., F.R.C.P., D.P.M., Barrister-at-Law. Tel. Dumfries 1119.

# SHAFTESBURY HOUSE

FORMBY-BY-THE-SEA
Nr. LIVERPOOL

Specially built and licensed for the care and treatment of a limited number of Ladies and Gentlemen suffering from NERVOUS and MENTAL breakdown. Voluntary and certified patients received. Ladies also admitted as Temporary Patients without certification. Terms moderate. *Apply*, RESIDENT PHYSICIAN, who may be seen in Liverpool, by appointment. *Tel. No. 8 Formby.*

# CALDECOTE HALL

NUNEATON
WARWICKSHIRE
('Phone: Nuneaton 241)

Residential treatment of

## "Nervous Disorders" & Alcoholism

(Certifiable cases are not received)

This beautiful mansion situated in the heart of the country (less than two hours from London by L.M.S.R.) and surrounded by charming pleasure grounds in which games and outdoor occupational therapy are available is devoted to the treatment of Alcoholism and "Nerves" by psychotherapeutic and ancillary methods.

*Illustrated Brochure and particulars obtainable from A. B. CARVER, M.D., D.P.M., Resident Medical Superintendent.*

## THE COPPICE, NOTTINGHAM.

HOSPITAL FOR MENTAL DISEASES.
President: The Right Hon. LORD BELPER.

This Institution is exclusively for the reception of a limited number of PRIVATE PATIENTS of both sexes, of the UPPER and MIDDLE CLASSES, at moderate rates of payment. It is beautifully situated in its own grounds, on an eminence a short distance from Nottingham, and commands an extensive view of the surrounding country; and from its singularly healthy position and comfortable arrangements affords every facility for the relief and cure of those mentally afflicted. Voluntary and Temporary Patients received. Occupational Therapy. Fee terms, &c., apply to the Medical Superintendent.
Telephone: 64117 Nottingham.

## CHISWICK HOUSE,

PINNER, MIDDLESEX.
Telephone: PINNER 234.

A Private Hospital for the Treatment and Care of Mental and Nervous Illnesses in both Sexes.

A modern country house, 12 miles from Marble Arch, in attractive and secluded surroundings. Fees from 10 guineas per week inclusive. Cases under Certificate, Voluntary and Temporary Patients received for treatment.

DOUGLAS MACAULAY, M.D., D.P.M.

## CITY OF LONDON MENTAL HOSPITAL

Near DARTFORD, KENT.

Ladies and Gentlemen received for treatment under certificates, and without certificates as either VOLUNTARY or TEMPORARY PATIENTS, at a weekly fee of £2 9s., and upwards.

## THE MAGHULL HOMES FOR EPILEPTICS (Inc.)

MAGHULL (near LIVERPOOL)

FARMING and OPEN AIR OCCUPATION for PATIENT
A few vacancies in 1st and 2nd Class Houses.
FEES: 1st Class (men only) from £3 5s. per week upwards.
2nd Class (men and women) 32/- per week.

*For further particulars apply:* C. EDGAR GRISEWOOD, A.C.A., Secretary, 20, Exchange Street East, Liverpool, 2

## STRETTON HOUSE,

Church Stretton, Shropshire.
ESTABLISHED IN 1853.

A PRIVATE HOME for the treatment of gentlemen suffering from Mental and Nervous illness, including the allied Disorders of Alcoholism and the Drug Habit. All types of early Mental and Nervous Cases are received without Certificates as Voluntary Patients under the provisions of the Mental Treatment Act, 1930. Bracing hill country. See "Medical Directory," p. 2358.—Apply to the Medical Superintendent 'Phone 10 P O . Church Stretton.

## SPRINGFIELD HOUSE

Phone: BEDFORD 2417. **Near BEDFORD**

**For Mental Cases with or without Certificates.**

*Ordinary Terms: Five Guineas per week (including Separate Bedrooms for all suitable cases without extra charge).*

For forms of admission, &c., apply to the Resident Physician, CEDRIC W. BOWER.

INTERVIEWS IN LONDON BY APPOINTMENT.

## PORTSMOUTH CITY MENTAL HOSPITAL

Accommodation is provided for the reception of PRIVATE PATIENTS of both sexes in three detached Villas, which are healthily and pleasantly situated in extensive grounds with sea views.

Charges from 3 guineas weekly, including all necessaries except clothing.—Apply to the Medical Superintendent and Resident Physician, THOMAS BEATON, O.B.E., M.D., F.R.C.P.

## FENSTANTON, at "FIVE DIAMONDS," Chalfont St. Giles, Bucks.

A Private Home for the Care and Treatment of a limited number of LADIES with Mental and Nervous Disorders. Certified, Voluntary, and Temporary Patients received. Mansion with 12 acres of ground. (*See Medical Directory*, p. 2346.) Apply Resident Physician. Telephone: Little Chalfont 2046. Station: Chalfont and Latimer.

## MALLING PLACE, KENT

For LADIES and GENTLEMEN of Unsound Mind.

Terms moderate. Apply to Resident Medical Superintendent. Telegrams: ADAM WEST MALLING. Telephone No 2 MALLING.

## THE GROVE HOUSE,

CHURCH STRETTON, SHROPSHIRE.

Private Home for Ladies mentally ill. Voluntary and Temporary Patients received.

Medical Superintendent: Dr. J. A. MCCLINTOCK

## HEIGHAM HALL, NORWICH

PRIVATE MENTAL HOME for Nervous and Mental Illness. All forms of treatment available. Fees from 4 gns. per week upwards according to requirements. Vacancies occasionally exist at reduced fees on the recommendation of the patient's own physician.

Apply to Dr. J. A. SMALL. Telephone: Norwich 80.

## Examining Surgeons:

FACTORIES ACT, 1937.

The following appointments as Examining Surgeon under the Factories Act, 1937, are vacant.

Applications should be sent to the CHIEF INSPECTOR OF FACTORIES, Cleland House, Page-street, S.W.1.

| *District.* | *County.* | *Latest date for receipt of application.* |
|---|---|---|
| PORTHCAWL .. .. | GLAMORGAN .. | 1st April, 1941 |
| LONGDENDALE AND GLOSSOP. | CHESTER AND DERBY. | 1st April, 1941 |
| PENSHURST .. .. | KENT.. .. | 1st April, 1941 |
| CROWBOROUGH .. | SUSSEX .. | 1st April, 1941 |

## Bolingbroke Hospital,

Wandsworth Common, S.W.11.

Applications are invited from registered medical practitioner for the appointment of CASUALTY OFFICER (A), including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Otherwise appointment for a further period will be considered. Salary is at the rate of £120 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

W. S. RANDOLPH BISS, Secretary-Superintendent.

## Hampstead General Hospital,

Haverstock Hill, N.W.3.

Applications are invited from single Medical Men or Women, including R practitioners who now hold A posts, for the post of HOUSE PHYSICIAN (B2) for six months, vacant 1st May next. Salary £133 6s. 8d. per annum, with board, lodging and laundry.

Applications on the prescribed form, with copies of three testimonials, to be returned by 17th April.

KENNETH A. F. MILES, House Governor.

## Beit Memorial Fellowships for MEDICAL RESEARCH.

Notice is hereby given that an ELECTION of JUNIOR FELLOWS to begin work on 1st October will take place in July, 1941. Junior Fellowships are normally of the annual value of £400 for three years; but candidates, younger than those usually elected or whose promise for medical research must be judged mainly on work outside that field, may be awarded a lower rate of £300 for the first two years. Candidates are asked to state whether they would be unable to accept this lower initial rate.

Candidates must have taken a Degree in a Faculty of a University in the British Empire or a Medical Diploma registrable in the United Kingdom. Elections to Junior Fellowships are rarely made above the age of thirty-five years.

The Trustees are desirous of furthering research in Mental Diseases and in the general allotment of Fellowships will give some preference to a candidate proposing research on approved lines in that subject.

Applications from candidates should be received by 14th May though late entries will be accepted up to 1st June.

Owing to the disturbance caused by the War, it is necessary for candidates to submit evidence that they could be given accommodation in the departments where they propose to work.

Forms of application and all information may be obtained by letter only addressed to—

PROFESSOR T. R. ELLIOTT, M.D., F.R.S.,
Hon. Secretary,
Beit Memorial Fellowships for Medical Research,
University College Hospital Medical School,
University-street, London, W.C.1.

## Princess Elizabeth of York Hospital

FOR SICK CHILDREN, Glamis-road, E.1.

APPOINTMENT OF RESIDENT HOUSE PHYSICIAN (B2) AT COUNTRY BRANCH, BAYFORD, HERTS.
(Approximately 70 Beds.)

Applications are invited from registered medical practitioners, including R practitioners who now hold A posts, for the appointment of Resident House Physician, to become vacant on the 15th April, 1941. Applicants should have held previous house appointments. If held by an R practitioner the appointment will be limited to six months. Salary according to experience and qualifications, but not less than £150 per annum.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than 4th April, 1941.

F. J. WILLIAMS, Deputy Secretary.

## Dreadnought Seamen's Hospital,

Greenwich.

Applications are invited from Male registered practitioners for the appointment of HOUSE PHYSICIAN (A) now vacant, including R practitioners within three months of qualification. If held by an R practitioner, the appointment will be for six months. Salary at £200 per annum, with full residential emoluments.

Applications, stating age, nationality, qualifications with dates, and testimonials, to be sent immediately to the undersigned.

F. A. LYON, Secretary.

Seamen's Hospital Society, Greenwich, S.E.10.

## Willesden Borough Council.

APPOINTMENT OF TEMPORARY DEPUTY MEDICAL OFFICER OF HEALTH (MALE).

The Willesden Borough Council invite applications for the above post. The officer appointed will be in charge, under the general direction of the Medical Officer of Health, of the A.R.P. casualty services, the emergency mortuary service, and shelter work in the Borough. He may also be required from time to time to act as Deputy Medical Officer of Health.

Candidates holding a qualification in Public Health or State Medicine will be given preference.

The appointment is temporary and terminable by one month's notice on either side.

The salary is £700 per annum.

The officer appointed will require to reside within the Borough.

Applications, stating age, training, qualifications, and experience, must reach the Medical Officer of Health, Health Department, 54, Winchester-avenue, Kilburn, N.W.6, not later than the first post on Monday, 31st March, 1941. One testimonial and the names and addresses of two references should accompany the application.

W. T. PIRIE, Town Clerk.

## Applications are invited from fully

qualified medical Women for the following A posts:—

ELIZABETH GARRETT ANDERSON HOSPITAL, Euston-road, N.W.1.
One RESIDENT HOUSE SURGEON for a period of six months.

OSTER HOUSE HOSPITAL, ST. ALBANS.
Two RESIDENT HOUSE SURGEONS for a period of six months.

Salaries will be pooled under the Medical Services Scheme and allocated according to experience, with a minimum of £100 per annum.

Applications, with copies of three testimonials, should be sent to the SECRETARY of the Elizabeth Garrett Anderson Hospital by 9th April, 1941.

## The Belgrave Hospital for Children,

1, Clapham-road, S.W.9.

The Committee of Management invite applications from registered medical practitioners, Male or Female, including R practitioners within three months of qualification, for the position of SECOND RESIDENT MEDICAL OFFICER (A), which will become vacant on April 1st.

The appointment is for six months, with board, residence, and laundry provided. Salary at the rate of £100 per annum. A successful candidate would become eligible for a further emolument in the First-aid Post if willing and able to undertake the duties.

Applications, with copies of testimonials, stating age, should be forwarded as soon as possible to—

THOMAS CLAPHAM, Secretary.

## Battersea General Hospital,

London, S.W.11.

APPOINTMENT OF HOUSE SURGEON (A).

Applications are invited from registered medical practitioners, Male or Female, including R practitioners within three months of qualification, for the above appointment. The appointment is for a period of six months. Salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the SECRETARY immediately.

## The London Homœopathic Hospital

(Incorporated by Royal Charter),
Great Ormond-street and Queen-square, Bloomsbury, W.C.1,

APPOINTMENTS OF HOUSE SURGEON AND ORTHOPÆDIC AND CASUALTY OFFICER (A).

Applications are invited from registered medical practitioners Male and Female (including R practitioners within three months of qualification), for two appointments of House Surgeon (A) and Orthopædic and Casualty Officer (A), to become vacant on April 15th, 1941. The appointments will be for a period of six months. Salary is at the rate of £200 per annum (including special grant), with full residential emoluments.

Selected candidates will be required to attend for interview.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of testimonials, to be sent to the undersigned.

L. J. KNOWLES, Secretary.

## King Edward Memorial Hospital,

Ealing, W.13.

Applications are invited from registered medical practitioners for the appointment of RESIDENT MEDICAL OFFICER (B1), vacant 1st April, 1941. Applicants should have held house appointments and had surgical experience. Preference will be given to candidates holding Diploma of F.R.C.S. (suitably qualified R practitioners holding B2 or B1 appointments are invited to apply). Salary at the rate of £275 per annum, with full residential emoluments.

Applications, stating age, naticnality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of two recent testimonials, should be sent to the undersigned as soon as possible.

R. A. MICKELWRIGHT, House Governor.

## Borough of Walthamstow.

APPOINTMENT OF DEPUTY MEDICAL OFFICER AND DEPUTY SCHOOL MEDICAL OFFICER.

The Council invite applications from Male medical practitioners under forty-five years of age for the above appointment at a commencing salary of £750 per annum, rising by annual increments of £25 to £800 per annum, plus cost-of-living bonus and car mileage allowance.

Candidates for the appointment must hold a registrable qualification in Public Health and School Medicine, and must have had at least three years' previous experience in all branches of Public Health and School Medical work.

The appointment will be subject to the provisions of the Local Government Superannuation Act, 1937, to the Council's Sick Pay Scheme, and to other conditions relative to staff appointments, and the successful candidate will be requested to pass a medical examination.

Application must be made on the approved form, which can be obtained from the undersigned, and applications endorsed "Deputy Medical Officer of Health" must be received by the undersigned by NOON on Saturday, the 12th April, 1941.

Canvassing, either directly or indirectly, will be deemed a disqualification, and candidates must disclose in writing whether to their knowledge they are related to any member of, or holder of, any senior office under the Council. A candidate who fails to do so will be disqualified, and, if appointed, will be liable to dismissal without notice.

FRANCIS G. GARNER, Town Clerk.

Town Hall, Walthamstow, E.17, 10th March, 1941.

## King George Hospital, Ilford.

Applications are invited from registered medical practitioners (Male) for the appointment of a HOUSE SURGEON (A), including R practitioners within 3 months of qualification. The appointment is for a period of six months. Salary at the rate of £200 per annum, with full residential emoluments.

Forms of application can be obtained from the undersigned.

G. AUSTIN HEPWORTH, Secretary and Superintendent.

# HIS MAJESTY'S COLONIAL SERVICE

## THE COLONIAL MEDICAL SERVICE

## VACANCIES FOR MEDICAL OFFICERS

**The maintenance of an efficient Colonial Medical Service constitutes a vital part of the national war effort and it is most important that the Service should be assured of an adequate supply of doctors.**

**The Secretary of State for the Colonies therefore invites applications from doctors possessing a medical qualification registrable in the United Kingdom who are British subjects and who are under thirty-five years of age.**

**Medical Officers are appointed in the first instance for general service. But there are ample opportunities for work in special branches of medicine and surgery, in public health and in medical research.**

**The normal salary scale is from £600 to between £1,000 and £1,120. There are large numbers of super-scale posts to which promotion is made on merit and which carry higher salaries.**

**Government quarters, in many cases free of rent, and first-class passages to and from the Colonies are provided, and an adequate pension scheme is in force.**

**Selected candidates are normally required to attend a course of instruction in Tropical Medicine and Hygiene either before proceeding overseas or during their first period of leave.**

**Further particulars, including the regulations governing admission to the Colonial Medical Service, may be obtained from the Director of Recruitment (Colonial Service), 29, Queen Anne's-gate, London, S.W.1.**

## Metropolitan Borough of Lewisham.

APPOINTMENT OF TUBERCULOSIS OFFICER.

The Council of the above Borough invites applications from registered medical practitioners for the appointment of Tuberculosis Officer. Candidates must possess the qualifications prescribed by the Local Government (Qualifications of Medical Officers and Health Visitors) Regulations, 1930, so far as they apply to Tuberculosis Officers, and should hold the Diploma in Public Health, and should also have had experience in X-ray work in connexion with Tuberculosis.

The person appointed will have charge of the Tuberculosis Dispensary under the administrative direction and control of the Medical Officer of Health, and will perform such other duties as may be considered necessary by the Medical Officer of Health.

The inclusive salary will commence at the rate of £750 per annum, rising by annual increments of £50 to a maximum of £1100 per annum.

The successful candidate will be required to devote whole time to the service of the Council and shall not engage in private practice. The appointment will be terminable by three months' notice on either side and will be subject to the provisions of the Local Government Superannuation Act, 1937.

Applications must be made on forms to be obtained from the undersigned, accompanied by copies of not more than three recent testimonials; must be sealed up and endorsed "Tuberculosis Officer," and must be sent to the undersigned not later than the 7th April, 1941.

Canvassing members of the Council, either directly or indirectly, is prohibited. JOHN T. DUFF, Town Clerk.

Lewisham Town Hall, Catford, S.E.6, 7th March, 1941.

## Borough of Wembley.

PART-TIME ASSISTANT MEDICAL OFFICER.

The Borough Council invite applications from duly qualified medical practitioners for a part-time position as Medical Officer in the Maternity and Child Welfare services of the Council.

Experience in antenatal and maternity and child welfare work is essential. Remuneration will be at the rate of 1½ guineas per session (two hours). The number of weekly sessions may be variable, but it is at present four.

Further information concerning the appointment may be obtained from the Medical Officer of Health, Public Health Department, Town Hall, Wembley, while applications on a form to be obtained from the Medical Officer of Health must reach me by NOON on Monday, 31st March, 1941.

KENNETH TANSLEY, Town Clerk.

Town Hall, Wembley.

## York County Hospital.

(222 Beds.)

Applications are invited from registered medical practitioners for the appointment of an ORTHOPÆDIC HOUSE SURGEON AND CASUALTY OFFICER (A), vacant immediately, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

Apply SECRETARY, York County Hospital.

## The Children's Hospital, Sheffield

(INC.). (157 Beds.)

Applications are invited from registered medical practitioners, Male and Female, for the appointment of a HOUSE PHYSICIAN (A), to become vacant on the 1st May, 1941, including R practitioners within three months of qualification. Appointment is for a period of six months. Salary at the rate of £100 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

The successful candidate must be a member of a Medical Defence Society.

T. H. G. GARTLAND, Superintendent and Secretary.

## County Infirmary, Cambridge.

Immediate applications are invited for the appointment of a HOUSE SURGEON (A) at the County Infirmary, Cambridge, a Public Assistance Institution up-graded as a Class I Hospital.

The total number of Beds available is 294: about 215 Beds are occupied at the present time.

Salary at the rate of £200 per annum, with board, residence, and laundry.

Applications, stating age, qualifications, with copies of recent testimonials, should be sent at once to the CLERK of the Cambridgeshire County Council, Shire Hall, Castle Hill, Cambridge.

Shire Hall, Cambridge, 12th March, 1941.

## Norfolk and Norwich Hospital, Norwich.

(448 Beds.)

Applications are invited from registered medical practitioners (Male) for the appointment of a HOUSE SURGEON (A), including R practitioners within three months of qualification. If held by an R practitioner the appointment will be for a period of six months.

Salary is at the rate of £120 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

FRANK INCH, House Governor and Secretary.

21st March, 1941.

## Mansfield and District General

HOSPITAL. (256 Beds.)

APPOINTMENT OF A HOUSE SURGEON (A).

Applications are invited from registered medical practitioners, Male, for the appointment of a House Surgeon (A) which is now vacant, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Salary is at the rate of £159 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned forthwith.

A. ASHWORTH, Secretary.

## Bristol Eye Hospital.

Applications are invited from registered medical practitioners, Male and Female, for the appointment of JUNIOR RESIDENT OPHTHALMIC HOUSE SURGEON (B2), vacant immediately, including R practitioners who now hold A posts. If held by an R practitioner the appointment will be limited to six months. Senior post available May 1st. The salary of Junior House Surgeon is at the rate of £100 per annum and that of the Senior post at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, accompanied by three recent testimonials, should be sent to the undersigned as soon as possible.

D. M. BABER, Secretary and House Governor.

## Great Barr Hospital,

BIRMINGHAM, 22.

APPOINTMENT OF A HOUSE SURGEON (A).

Applications are invited from registered medical practitioners, Male and Female, for the appointment of a House Surgeon (A), to become vacant on 4th April, 1941, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

MEDICAL SUPERINTENDENT.

Great Barr Park Colony, Birmingham, 22.

## The Prince of Wales's Hospital,

PLYMOUTH.

Amalgamating—
SOUTH DEVON AND EAST CORNWALL HOSPITAL, Greenbank-road;
ROYAL ALBERT HOSPITAL, DEVONPORT;
CENTRAL HOSPITAL, Lockyer-street.

Applications are invited from registered medical practitioners for the appointments of HOUSE SURGEON (A) for duty at Greenbank Road, JUNIOR HOUSE SURGEON (A) for duty at Devonport, and RESIDENT ANÆSTHETIST and HOUSE SURGEON to the SPECIAL DEPARTMENTS (A) for duty at Greenbank-road, now vacant, including R practitioners within three months of qualification. Salaries at the rate of £132 per annum, with full residential emoluments in each case.

Applications are also invited from registered medical practitioners for the appointment of SENIOR HOUSE SURGEON (B2) for duty at Devonport, to become vacant on 8th May, including R practitioners who now hold A posts. The salary is at the rate of £150 per annum, with full residential emoluments.

If held by R practitioners, appointments will be for a period of six months.

Applications, stating age, qualifications with dates, and nationality, experience, and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately, but in any case not later than the 28th March.

ARTHUR R. CASH, General Superintendent.

Greenbank-road, Plymouth.

## Royal Sussex County Hospital,

BRIGHTON. (375 Beds.)

Applications are invited from registered medical practitioners (Male) for the following appointments (in the case of the B2 appointment, including R practitioners who now hold A posts, and in the case of A appointments, including R practitioners within three months of qualification):—

HOUSE PHYSICIAN (B2), vacant 1st May, 1941.

HOUSE SURGEON (A), now vacant.

Salary in each case £150 per annum, with full residential emoluments.

CASUALTY HOUSE SURGEON (A), now vacant.

Salary £120 per annum, with full residential emoluments.

If held by R practitioners the appointments will be for a period of six months.

Applications, stating age, qualifications with dates, nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

L. L. W. LANCASTER-GAYE, Secretary-Superintendent.

## Bromsgrove Public Assistance

AND SPECIAL HOSPITAL, BROMSGROVE.

MEDICAL OFFICER IN CHARGE OF M.S. BEDS.

Applications are invited from registered medical practitioners (Male) for this temporary appointment. Preference will be given to applicants holding higher medical or surgical qualifications.

The Hospital consists of the Public Assistance Institution and in addition a hutted unit of 650 beds erected by the Ministry of Health under the Hospital Scheme. The appointed Officer will be required to be responsible for the work of the Medical Service Unit (650 beds).

The salary will be at the rate of £900 per annum. When the Residential Quarters are complete, board and residence (unmarried quarters) and attendance will also be available, but until such time the appointed Officer will be paid at the rate of £100 per annum in lieu of these emoluments and will be required to reside as near as possible to the Hospital. The appointment will be terminable by 3 months' notice by either party.

Applications should be sent on or before the 4th April, 1941, to the County Medical Officer, Shirehall, Worcester, from whom any further particulars may be obtained.

C. H. BIRD, Clerk of the Council.

Shirehall, Worcester, 11th March, 1941.

## Horton General Hospital, Banbury.

Applications are invited from qualified medical Men or Women for the following posts:—

(a) SENIOR RESIDENT MEDICAL OFFICER (B2 post). Salary £180 per annum, with board, residence, and laundry. R practitioners now holding A posts may apply.

(b) JUNIOR RESIDENT MEDICAL OFFICER (A post). Salary £150 per annum, with board, residence, and laundry. R practitioners within three months of qualification may apply, when appointment will be limited to six months.

Applications, giving age, sex, and experience, to be addressed to RICHARD H. PRESCOTT, Secretary and House Governor.

Horton General Hospital, Banbury, Oxon.

## The Bolton Royal Infirmary.

(242 Beds.)

Applications are invited from registered medical practitioners, Male and Female, for the appointment of HOUSE PHYSICIAN (B2), to become vacant on 9th April, including R practitioners who now hold A posts. Salary at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

H. AUBREY FROGGATT, Superintendent-Secretary.

## City of Manchester.

BOOTH HALL HOSPITAL. (760 Beds.)

APPOINTMENT OF THREE RESIDENT ASSISTANT MEDICAL OFFICERS (A).

Applications are invited from registered medical practitioners Male and Female, for the above appointments, including R practitioners within three months of qualification. One post is vacant now and the other two fall vacant in mid-May, 1941. The appointments will be for a period of six months, renewable for a further six months. If held by R practitioners the appointments will be for a period of six months.

The salary for each appointment is at the rate of £200 per annum or, if held by an R practitioner as above, £125 per annum, with full residential emoluments in addition, subject to the Manchester Corporation conditions of service.

Full information and forms of application may be obtained from the Medical Officer of Health, Hospitals Administration Section, P.O. Box No. 399, Town Hall, Manchester, 2, and applications for the post must be received by him not later than April 5th, 1941.

Canvassing in any form is prohibited.

R. H. ADCOCK, Town Clerk.

Town Hall, Manchester, 2, March 10th, 1941.

## City of Manchester.

WITHINGTON HOSPITAL. (1150 Beds.)

TEMPORARY APPOINTMENT OF RESIDENT ASSISTANT MEDICAL OFFICER (B1) TO THE TUBERCULOSIS WARDS.

Applications are invited from registered medical practitioners, Male and Female, for the above temporary appointment, to become vacant on June 1st, 1941, for the duration of the war.

The tuberculosis wards contain approximately 170 Beds. They are used for the diagnosis and treatment of all types of pulmonary tuberculosis within the city.

Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply.

The salary for the appointment commences at £350 per annum, and rises by annual increments of £25 to a maximum of £450 per annum, with board, residence, and laundry in addition, subject to the Manchester Corporation conditions of service.

Full information and forms of application may be obtained from the Medical Officer of Health, Hospitals Administration Section, Box 399, Town Hall, Manchester, 2, and applications for the post must be received by him not later than April 5th, 1941.

Canvassing in any form is prohibited.

R. H. ADCOCK, Town Clerk.

Town Hall, Manchester, 2, March 10th, 1941.

## County Borough of Smethwick.

ST. CHAD'S HOSPITAL.

HOUSE SURGEON (A Post).

Applications are invited from registered medical practitioners, Male and Female, for the appointment of House Surgeon at the Council's Municipal Hospital, including R practitioners within three months of qualification. The salary attaching to such appointment will be at the rate of £150 per annum, with the usual emoluments. If held by an R practitioner the appointment will be limited to six months; otherwise it may be renewed for a further period of six months, at the rate of £200 per annum.

St. Chad's Hospital contains 147 Beds, and the cases treated include general medical, acute surgical, and maternity patients. It is staffed by the Honorary Consultants of the Birmingham Teaching Hospitals.

Forms of application may be obtained from the Medical Superintendent, St. Chad's Hospital, Hagley-road, Birmingham, 16, to whom applications, endorsed "House Surgeon" and accompanied by copies of three recent testimonials, must be delivered not later than 27th March, 1941.

Canvassing, directly or indirectly, will disqualify.

FRANK CHAPMAN, Town Clerk.

Council House, Smethwick, 5th March, 1941.

## Scarborough Hospital.

(140 Beds.)

Applications are invited from registered medical practitioners (Female) for the post of HOUSE SURGEON (A). The appointment is for six months, commencing from 1st May, 1941. Salary at the rate of £150 per annum, together with board, residence, laundry, &c.

Applications, stating age and experience, together with copies of not more than three recent testimonials, to be sent to the HON. SECRETARY not later than the first post on 31st March, 1941.

## Altrincham General Hospital.

(100 Beds—2 Residents.)

Applications are invited from registered medical practitioners for the appointment of a HOUSE SURGEON (A), to become vacant on 1st May, 1941, including R practitioners within three months of qualification. Appointment will be for a period of six months. Salary at the rate of £120 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, together with testimonials, should reach the undersigned not later than Friday, 4th April, 1941.

E. A. BIDEN, General Superintendent and Secretary.

## Hull Royal Infirmary.

Applications are invited from registered medical practitioners (Male), including R practitioners within three months of qualification, for the post of CASUALTY OFFICER (A), vacant now. If held by an R practitioner the appointment will be for a period of six months.

Applications are also invited for the post of HOUSE PHYSICIAN (B2), including R practitioners who now hold A posts, vacant now. The post is recognised for the M.D. (London) examination. If held by an R practitioner the appointment will be limited to six months.

Applications are also invited for the post of HOUSE SURGEON (B2), including R practitioners who now hold A posts, vacant now. The post is recognised for the F.R.C.S. examinations. If held by an R practitioner the appointment will be limited to six months.

The salary for each post is at the rate of £175 plus £25 war bonus per annum, with full residential emoluments.

Applications, stating age, qualifications, dates, and nationality, and accompanied by copies of recent testimonials, should be sent to the undersigned.

R. J CARLESS, House Governor.

## County Borough of Halifax.

AIR-RAID PRECAUTIONS.

APPOINTMENT OF FIRST AID COMMANDANT.

Applications are invited for the position of First Aid Commandant. The person appointed will be required to take over and be responsible for the organisation and administration of the Casualty Services under the general direction of the Medical Officer of Health. He will be required to devote his whole time to the duties of the office.

The appointment is a temporary one, and the salary will be at the rate of £650 per annum.

Applications must be made on the prescribed form, to be obtained from the undersigned, and delivered, accompanied by copies of three recent testimonials, not later than first post on 26th March, 1941, endorsed "First Aid Commandant," and addressed to the Town Clerk, Town Hall, Halifax.

Canvassing, either directly or indirectly, will be a disqualification.

W. USHER, Town Clerk.

Town Hall, Halifax, 8th March, 1941

## Derbyshire Royal Infirmary, Derby.

(General Hospital. 416 Beds.)

Applications are invited from registered medical practitioners (Male and Female) for the appointment of a CASUALTY OFFICER (A) vacant now, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Otherwise it will be for a period of twelve months.

Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

ARTHUR TAYLOR, Superintendent and Secretary.

## The Queen Elizabeth Hospital,

EDGBASTON, BIRMINGHAM.

Applications are invited from registered medical practitioners (Male and Female) for the appointment of ASSISTANT BACTERIOLOGIST (B2) including R practitioners who now hold A posts. Duties to include routine Bacteriology and Hæmatology; previous experience not essential. Salary £350 per annum. If held by an R practitioner, appointment will be limited to six months.

Applications, stating age, qualifications and experience, together with copies of three recent testimonials, should be sent to the undersigned at once.

G. HURFORD, Secretary, Birmingham United Hospital.

The Queen Elizabeth Hospital, Edgbaston, Birmingham, 15.

## Bedford County Hospital.

Applications are invited from registered medical practitioners, Male and Female, for the appointment of a CASUALTY AND EAR, NOSE, AND THROAT OFFICER (A), to become vacant immediately, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Otherwise it will be for a period of six to twelve months. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the SECRETARY, Hon. Medical Staff Committee, as soon as possibe.

## Summersdale Hospital,

GRAYLINGWELL, CHICHESTER.

APPOINTMENT OF HOUSE SURGEON AND HOUSE PHYSICIAN (A Posts).

Applications are invited from registered medical practitioners for the above posts (A), including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Otherwise it will be for a period of six months in the first instance. Salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the MEDICAL SUPERINTENDENT as soon as possible.

## County of Northumberland.

ST. GEORGE'S MENTAL HOSPITAL, MORPETH.

APPOINTMENT OF RESIDENT MEDICAL SUPERINTENDENT.

The Visiting Committee of the Northumberland Mental Hospital invite applications from legally qualified and registered medical practitioners for the appointment of Medical Superintendent at their Mental Hospital, situate at East Cottingwood, Morpeth, in the County of Northumberland. The number of patients in the Hospital at present is 887.

The commencing salary will be £1250, rising by annual increments of £50 to £1400 per annum, plus emoluments consisting of an unfurnished house and light, valued for superannuation purposes at £120 per annum.

Full particulars of the terms of appointment and application forms may be obtained from me, and applications must be received by me not later than the 15th April, 1941.

C. HAROLD CARTER, Clerk of the Visiting Committee.

County Council Office, Mitford-road, Morpeth,
7th March, 1941.

## Rochdale Infirmary and Dispensary,

LANCS. (110 Beds.)

APPOINTMENT OF SECOND HOUSE SURGEON (A).

The Board of Management invites applications for the appointment of Second House Surgeon (A appointment) now vacant, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months.

Salary attached to the appointment is at the rate of £150 per annum, including board, residence, and laundry.

Applications, stating age, nationality, &c., together with copies of three recent testimonials, to be sent to the Secretary.

The successful candidate must be a member of a medical defence society.

W. WYNNE, Secretary.

Infirmary Office, Rochdale.

## The King Edward VII Welsh National

MEMORIAL ASSOCIATION.

Applications are invited from registered medical practitioners, Male and Female, for the appointment of ASSISTANT RESIDENT MEDICAL OFFICER (B2), to become vacant immediately, including R practitioners who now hold A posts. If held by an R practitioner the appointment will be limited to six months; otherwise it will be for a period of one year.

The salary is at the rate of £200 per annum, with full residential emoluments.

The vacancy occurs at SULLY HOSPITAL, SULLY, GLAM. (300 Beds for the treatment of pulmonary tuberculosis), situate between Penarth and Barry.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than Wednesday, March 26th, 1941.

D. A. POWELL, Principal Medical Officer

Memorial Offices, Cathays Park, Cardiff, March 10th, 1941.

## The Lawn, Lincoln.

(Registered Hospital for Mental and Nervous Diseases.)

Applications are invited from registered medical practitioners, including R practitioners who now hold A posts, for a ASSISTANT MEDICAL OFFICER (B2), one with previous mental hospital experience preferred. If held by an R practitioner, appointment will be limited to six months. Salary £300 per annum, with emoluments.

Apply, THE CHAIRMAN OF GOVERNORS, The Lawn, Lincoln.

## Harlow Wood Orthopædic Hospital.

near MANSFIELD, NOTTS. (275 Beds.)

Applications are invited from Male registered medical practitioners for the appointment of HOUSE SURGEON (B2), to become vacant on 15th April, including R practitioners who now hold A posts. If held by an R practitioner the appointment will be limited to six months. Otherwise it may be extended for a further six months.

The salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be received by the Secretary by 29th March.

M. L. CRANE, Secretary.

## Northampton General Hospital.

(405 Beds.)

Applications are invited from registered medical practitioners, including R practitioners within three months of qualification, for the appointment of a HOUSE SURGEON (A), to become vacant on 1st April.

If held by an R practitioner, appointment will be for a period of six months.

Salary at the rate of £150 per annum, with board, residence and laundry.

Applications, stating age, qualifications with dates, nationality and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

GORDON S. STURTRIDGE, M.B., B.S., Superintendent.

10th March, 1941.

## Hull Corporation Health Department.

ANLABY ROAD AND BEVERLEY ROAD HOSPITALS.

TEMPORARY ASSISTANT MEDICAL OFFICERS (A).

Applications are invited from registered medical practitioners of either sex, who must be single and not more than forty years of age, for the appointment of a Temporary Assistant Medical Officer (A) at each of the above Hospitals, including R practitioners within three months of qualification. If held by an R practitioner the appointment will be for a period of six months, otherwise it will be for a period of one year.

Salary £250 per annum, together with the usual residential emoluments, or, if no residence is available, an allowance in lieu thereof at the rate of £150 per annum. If the appointment is extended for more than one year the salary, subject to satisfactory service, will be increased by annual increments of £25 to a maximum of £350 per annum.

Application forms may be obtained from the MEDICAL OFFICER OF HEALTH, Guildhall, Hull, to whom they should be returned not later than 10 A.M. on Monday, 31st March, 1941.

## Burton-on-Trent General Infirmary.

Applications are invited from registered medical practitioners (Male) for the appointment of CASUALTY OFFICER AND HOUSE PHYSICIAN (A), to commence duty April, including R practitioners within three months of qualification. If held by an R practitioner appointment will be for six months. Salary at the rate of £150 per annum, with usual emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, to be sent to

E. W. THORNLEY, Superintendent and Secretary.

## Royal East Sussex Hospital, Hastings.

Applications are invited from registered medical practitioners for the appointment of a JUNIOR HOUSE SURGEON (A), to become vacant on 7th April, 1941, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months.

Salary is at the rate of £130 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than 25th March next.

WILFRID G. KEMSLEY, Secretary and House Governor.

## North Riding Infirmary, Middlesbrough

(General Hospital—143 Beds—Three Residents.)

Applications are invited from registered medical practitioners, including R practitioners within three months of qualification, or the appointment of CASUALTY HOUSE SURGEON (A) which is now vacant. Salary £150 per annum, with board, residence, and laundry. Appointment will be for six months.

Applications, stating age, qualifications, and accompanied by copies of recent testimonials, should be sent to the undersigned forthwith.

GERALD A. KENYON, Secretary-Superintendent.

## North Riding Infirmary,

MIDDLESBROUGH.

(General Hospital: 143 Beds—Three Residents.)

Applications are invited from qualified medical practitioners (including R practitioners within three months of qualification) for the appointment of HOUSE SURGEON (A), which will become vacant on the 1st March, 1941. Salary £170 per annum, with board, residence, and laundry. If held by an R practitioner, appointment will be for a period of six months.

Applications, stating age, qualifications, and accompanied by copies of recent testimonials, should be sent to the undersigned forthwith.

GERALD A. KENYON, Secretary-Superintendent.

## The Guest Hospital, Dudley.

(The Resident Staff consists of a Resident Surgical Officer and Three House Surgeons.)

Applications are invited from registered medical practitioners, Male, for the appointment of HOUSE SURGEON (A) now vacant, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Salary at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned forthwith.

H. RAYMOND HURST, House Governor and Secretary.

10th March, 1941.

## Victoria Hospital, Accrington.

APPOINTMENT OF TWO HOUSE SURGEONS (A).

Applications are invited from registered medical practitioners for appointment of Two House Surgeons (A), including R practitioners within three months of qualifying.

If held by an R practitioner appointment will be for a period of six months.

Salary rate £175 per annum, with full residential emoluments in each case.

Application, stating age, qualifications, and nationality, and accompanied by copies of three recent testimonials, to be sent to the undersigned.

J KENYON, Financial Secretary.

## Middleton-in-Wharfedale Sanatorium.

APPOINTMENT OF TEMPORARY RESIDENT MEDICAL OFFICER (B1).

Applications are invited from registered medical practitioners for appointment to the position of Temporary Resident Medical Officer (B1) at present vacant. Applicants should have held house appointments and had surgical experience. Preference will be given to candidates having previous tuberculosis sanatorium experience. Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply.

Salary is at the rate of £350 per annum, with the usual residential emoluments.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent to the County Medical Officer, County Hall, Wakefield, not later than the 31st March, 1941.

J. CHARLES MCGRATH, Clerk of the County Council.

County Hall, Wakefield, March, 1941.

## Scotton Banks Sanatorium.

APPOINTMENT OF TEMPORARY RESIDENT MEDICAL OFFICER (B1).

Applications are invited from registered medical practitioners for appointment to the position of Temporary Resident Medical Officer (B1) at present vacant. Applicants should have held house appointments and had surgical experience. Preference will be given to candidates having previous tuberculosis sanatorium experience. Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply.

Salary is at the rate of £350 per annum, with the usual residential emoluments.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent to the County Medical Officer, County Hall, Wakefield, not later than the 31st March, 1941.

J. CHARLES MCGRATH, Clerk of the County Council.

County Hall, Wakefield, March, 1941.

## Chorley and District Hospital,

CHORLEY, LANCS.

(Voluntary General Hospital with 100 Beds.)

Applications are invited from registered medical practitioners, Male and Female, for the appointment of HOUSE SURGEON (A), including R practitioners within three months of qualification, to commence duty in this month. If held by an R practitioner, appointment will be for a period of six months, otherwise the appointment is renewable for a further period. Salary £150 per annum.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned at once.

C. H. SPENCE, Secretary-Superintendent.

## Cefn Coed Hospital, Swansea.

Applications are invited from qualified medical practitioners, Male and Female, for the post of ASSISTANT MEDICAL OFFICER (temporary B1 appointment) at the above Hospital. Suitably qualified R practitioners holding B2 or B1 posts may apply.

Salary £400 per annum with emoluments valued £100 if resident at the Hospital, or £500 if non-resident. At the present time a special additional bonus of approximately £20 per annum is payable.

Application, stating age, qualification, and experience, should be sent to the MEDICAL SUPERINTENDENT as soon as possible.

## Calderstones Hospital, Whalley,

near BLACKBURN, LANCS.

Applications are invited from registered medical practitioners, Male, for the appointment of HOUSEMAN (Medical or Surgical) (A post), to become vacant immediately, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Otherwise it will be for a period of six months in the first instance. Salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the MEDICAL SUPERINTENDENT not later than the 19th April, 1941.

12th March, 1941.

## Royal Albert Edward Infirmary and

DISPENSARY, WIGAN.

(189 Beds.)

APPOINTMENT OF A HOUSE SURGEON (A).

Applications are invited from registered medical practitioners (Male), including R practitioners within three months of qualification, for the appointment of a House Surgeon (A), to become vacant on April 1st. If held by an R practitioner, appointment will be for a period of six months. Salary is at the rate of £105 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned without delay.

A. STANLEY BRUNT,
General Superintendent and Secretary.

6th March, 1941.

## Exminster Hospital.

Applications are invited from registered medical practitioners, Male and Female, for the appointment of a HOUSE SURGEON (A), to become vacant immediately, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Otherwise it will be for a period of one year.

Salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than 2nd April.

S. M. ALLAN, Medical Superintendent.

Exminster Hospital, Exminster, near Exeter, Devon.

## Hortham Hospital, near Bristol.

APPOINTMENT OF JUNIOR MEDICAL OFFICER (A).

Applications are invited from registered medical practitioners, Male, for the above appointment. The salary is at the rate of £100 per annum, with free board and residence, or an allowance at the rate of £100 per annum in lieu of these emoluments if living in billets.

Appointment will be temporary subject to one month's notice on either side. R practitioners within three months of qualification may apply, when the appointment will be for a period of six months.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, accompanied by copies of three recent testimonials, should be sent to the MEDICAL SUPERINTENDENT, Hortham Colony, Almondsbury, near Bristol, not later than April 5th.

The appointment will be subject to the terms relating to the Hospital Scheme laid down by the Ministry of Health, and Corporation's conditions of service will not apply to the position.

## City of Carlisle.

CITY GENERAL HOSPITAL.

FUSEHILL HOSPITAL.

Applications are invited from registered medical practitioners for the appointment of a JUNIOR RESIDENT MEDICAL OFFICER (A), including R practitioners within three months of qualification.

Salary is at the rate of £200 per annum, with full residential emoluments. If held by an R practitioner, the appointment will be for a period of six months.

Applications, stating age, qualifications with dates and nationality, and accompanied by copies of three recent testimonials, should be sent to the Medical Officer of Health, 22, Fisher Street, Carlisle, as early as possible.

18th March, 1941.

## Kent and Sussex Hospital,

TUNBRIDGE WELLS.
(534 Beds.)

APPOINTMENT OF RESIDENT HOUSE SURGEON AND CASUALTY OFFICER (B2).

Applications are invited from registered medical practitioners (Male) for the appointment of Resident House Surgeon and Casualty Officer (B2), to become vacant at an early date, including R practitioners who hold A posts and who have not completed a five months' tenure of those posts. If held by an R practitioner the appointment will be limited to six months. The salary is at the minimum rate of £175 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

TOM B. HARRISON, Superintendent-Secretary.

14th March, 1941.

## Alton Hospital.

(350 Beds.)

APPOINTMENT OF MEDICAL SUPERINTENDENT.

Applications are invited for the post of Medical Superintendent of the above Hospital at a salary of £900 per annum. Applicants should be F.R.C.S. and have a wide experience of surgery and medicine, and also considerable administrative experience.

Applications should be in my hands by Monday, the 31st March, 1941.

H. LESLIE CRONK, County Medical Officer.

The Castle, Winchester.

## Worcester Royal Infirmary.

Applications are invited from registered medical practitioners for the appointment of HOUSE PHYSICIAN AND ASSISTANT PATHOLOGIST (A), including R practitioners within three months of qualification. If held by an R practitioner the appointment will be for a period of six months. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than 29th March, 1941.

H. J. CROUT, Superintendent-Secretary.

## County of Warwick.

WARWICK HOSPITAL.
SOLIHULL HOSPITAL.
NUNEATON HOSPITAL.

APPOINTMENT OF HOUSE SURGEONS AND HOUSE PHYSICIANS (A).

Applications are invited from registered medical practitioners, Male and Female, for the appointment of House Surgeons and House Physicians at the above Hospitals administered by the Public Assistance Committee. Applicants may include practitioners who have registered under the National Service (Armed Forces) Act, 1939, but who are within three months of qualification. All appointments will be limited in the first instance to six months, but in the case of practitioners who are not registered under the above Act will be renewable. In the case of one appointment of House Surgeon at the Warwick Hospital, preference will be given to applicants with orthopædic experience.

Salary £200 per annum, with residential emoluments. If these emoluments are not immediately practicable, the authorised allowance at the rate of £100 per annum will be

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the Public Assistance Officer, Shire Hall, Warwick.

L. EDGAR STEPHENS, Clerk of the Council.

Shire Hall, Warwick, 17th March, 1941.

## Royal Victoria Hospital, Dover.

(80 Beds.)

Applications are invited from registered medical practitioners, Male and Female, for the appointment of a HOUSE SURGEON (A), to become vacant on 1st April, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Salary is at the rate of £180 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the SECRETARY as soon as possible.

## County Borough of Norwich.

NORWICH INFIRMARY.

Applications are invited from registered medical practitioners (Male) for the appointment of RESIDENT MEDICAL OFFICER (B1).

Applicants should have held house appointments. Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply. Salary is at the rate of £350, rising by annual increments of £25 to £450 per annum, with full residential emoluments.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent to the Senior Medical Officer, Norwich Infirmary, Bowthorpe-road, Norwich, not later than the 29th March, 1941, from whom particulars of the appointment may be obtained.

BERNARD D. STOREY, Town Clerk.

City Hall, Norwich.

## Aberdeen City (Fever) Hospital.

JUNIOR RESIDENT MEDICAL OFFICER (A).

Applications are invited from registered medical practitioners (Male) for the post of Junior Resident Medical Officer (A) now vacant. Salary at the rate of £100 per annum, with board, lodging, and laundry. R practitioners within three months of qualification may apply when appointment will be for a period of six months.

Applications, stating age, qualifications with dates, and experience, and enclosing copies of three recent testimonials, should be sent to the undersigned not later than Monday, 31st March. Applicants should state the earliest date on which they could take up duty.

HARRY J. RAE, Medical Officer of Health.

City Health Department, 4, Albyn-place, Aberdeen,
15th March, 1941.

## City of Coventry.

APPOINTMENT OF TEMPORARY ASSISTANT MEDICAL (OFFICER M. & C.W.).

The Public Health Committee invite applications from Women medical practitioners for the above temporary post. The duties will be in connection with the maternity and child welfare scheme. Salary £500 per annum. Applications, stating qualifications, age and experience, should be addressed to the undersigned as soon as possible.

A. MASSEY, Medical Officer of Health.

The Council House, Coventry, 14th March, 1941.

## Warde-Aldam Hospital, South Elmsall,

PONTEFRACT.
(32 Beds.)

Suitably qualified R practitioners now holding B2 or B1 posts may apply. RESIDENT SURGICAL OFFICER, B1, required who has had previous surgical experience. Salary £500 per annum, with board and lodging. Applications to Secretary, address as above, before April 9th.

## Pembroke County War Memorial HOSPITAL, HAVERFORDWEST.

(182 Beds.)

Applications are invited from registered medical practitioners for the appointment of a HOUSE SURGEON (A), including R practitioners within three months of qualification, when appointment will be for six months, to commence immediately.

Salary is at the rate of £200 per annum, with full residential emoluments. (Private Bungalow.)

Applications, stating age, qualifications, with dates and nationality, and accompanied by copies of three testimonials, should be sent to the undersigned.

B. GLANVILLE DAVIES, Secretary.

14th March, 1941.

## Beckett Hospital and Dispensary, BARNSLEY.

Applications are invited from registered medical practitioners, Male, for the appointment of RESIDENT HOUSE PHYSICIAN (B2), to become vacant on 1st April, including R practitioners who now hold A posts. If held by an R practitioner, the appointment will be limited to six months. The salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

ARTHUR L. BOURNE, Secretary-Superintendent.

## Royal Cornwall Infirmary, Truro.

(185 Beds.—Three Residents.)

Applications are invited from registered medical practitioners, Male and Female, for the appointment of a HOUSE PHYSICIAN (B2), in charge of the MEDICAL, EYE, EAR, NOSE, AND THROAT DEPARTMENT, including R practitioners who hold A posts and who have not completed a five months' tenure of those posts. If held by an R practitioner the appointment will be limited to six months. The salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

W. E. GRENFELL, Hon. Secretary.

## Taunton and Somerset Hospital, TAUNTON.

HOUSE PHYSICIAN (A).

Applications are invited from registered medical practitioners, Male and Female, for the appointment of a House Physician (A), R practitioners within three months of qualification may apply. Appointment will be for a period of six months. Salary at rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of testimonials, to be sent to F. J. J. STACEY, Secretary.

## The Bolton Royal Infirmary.

(242 Beds.)

Applications are invited from registered medical practitioners, Male and Female, for the appointment of a HOUSE SURGEON (A), to become vacant on 1st April, including R practitioners within three months of qualification. The appointment is for six months. Salary at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

H. AUBREY FROGGATT, Superintendent-Secretary.

## Manchester Royal Eye Hospital.

Applications are invited from registered medical practitioners, Male and Female, for the appointments of two HOUSE SURGEONS (A) now vacant, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Salary is at the rate of £120 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

H. R. NORTH, Gen. Supt. and Secretary.

## Huddersfield Royal Infirmary.

(321 Beds.)

Male HOUSE SURGEON (an A appointment) required to be attached to EYE, EAR, NOSE AND THROAT DEPARTMENTS. Duties to commence immediately, and will include the administration of anæsthetics. R practitioners within three months of qualification may apply. Salary £150 per annum, with board, residence, and laundry. Appointment for six months, subject to renewal for a similar period. If held by an R practitioner the appointment will be for a period of six months

Applications, with copies of three recent testimonials, to be addressed to the undersigned.

H. J. JOHNSON, General Superintendent and Secretary.

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Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, to be sent to the undersigned.

ARTHUR GRIFFITHS, Secretary.

The Hospital, Ipswich, 15th March, 1941.

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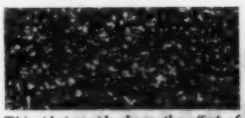

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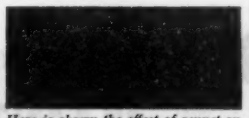

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**Some of the very sensible dietetic and hygienic precepts of Regimen Sanitatis Salernitanum have not lost their force across the chasm of centuries that separates modern medicine from the tenets of Galenism. Constipation, then as now, was a universal affliction. Its prevention was the aim of medicine. Irregularity and neglect were then a rule as they are today.**

**William R. Warner & Co. Ltd., Power Road, Chiswick, London, W.4**

## AGAROL for constipation

Treat Broncho-Pulmonary disorders with

# PULMO-BAILLY Brand

## COMPOUND

Prescribe for Coughs, Colds and Prophylaxis

**An organic combination of GUAIACOL : CODEINE DI-PHOSPHORIC ACID which provides**

Pulmonary antisepsis and increased phagocytic power of Leucocytes.

Liquefaction and elimination of the alveolar exudate and bronchial secretions.

Control of exaggerated and harmful coughing.

Restoration of appetite and energy.

Pulmo-Bailly gives, in practice, clinical results in full accord with pharmacodynamic aims in the treatment of affections of the Lungs, Bronchi, Larynx and Trachea. (*In Adults and Children.*)

**Pulmo is of particular value in the bronchitis and cough of Influenza.**

*Medical sample on request*

**BENGUÉ & Co. Ltd.,** *Manufacturing Chemists*

**MOUNT PLEASANT, ALPERTON, WEMBLEY, MDX.**

## Complete Protective Diet

RATIONING has led to a considerable change in the diet of the average individual, and important research has been carried out to ascertain the ideal diet under war-time restrictions. It is not always possible, however, for patients to carry out the diet suggested, due to individual tastes, means and facilities. As an adjuvant to the usual diet 'WYAMIN' Vitamin Capsules containing Vitamins A, B, C, D, will assist in providing the basis of a complete protective diet. Prescribe 'WYAMIN' Capsules to augment war-time diets and to check war strain due to vitamin deficiency.

DOSAGE
2
CAPSULES
A DAY

# 'WYAMIN' VITAMIN CAPSULES

TRADE MARK BRAND

**JOHN WYETH & BROTHER LTD. 25, OLDHILL PLACE, LONDON, N.16.**
*(Sole distributors for Petrolagar Laboratories Ltd.)*

# KAYLENE

Kaylene brand of colloidal kaolin has an adsorptive and analgesic action. By reason of its detoxicating and consolidating properties it is invaluable in the treatment of Food Poisoning, Tropical Diarrhœas, Infantile Diarrhœa, Acute Colitis and Gastro-Enteritis. KAYLENE-OL should be given if, after the diarrhœa has been overcome, a mild laxative action is desired.

*Sample on request*

**KAYLENE, LIMITED**

Sole Distributors: **ADSORBENTS, LTD.,** WATERLOO ROAD, LONDON, N.W.2

# LIVOGEN

*The Rational Tonic*

Increased nervous and muscular activity, decreased intake of the foods richest in the Vitamin B complex and increased intake of carbohydrates all tend to accentuate the minor symptoms of deficiency of the various members of the Vitamin B complex.

Livogen, which supplies these factors — together with liver extract — therefore is indicated for all patients showing symptoms of debility, lassitude, anorexia, intestinal irregularities, neuritic pains, mental depression and emotional instability, all these states being symptomatic of deranged carbohydrate metabolism following hypovitaminosis-' B '.

*Literature on request*

THE BRITISH DRUG HOUSES LTD. LONDON N.1

Lgn/E/82

# In Agranulocytosis

## Prompt Treatment is Essential

Agranulocytosis usually runs a rapid course to a fatal termination unless prompt and adequate measures are taken. When patients are under treatment with any therapeutic agent which has been associated with the occurrence of leucopenia, frequent white blood cell counts and differentials are of great importance.

When agranulocytosis is suspected, immediate withdrawal of the causative agent is, of course, indicated, and when the diagnosis has been made, the prompt administration of 'Pentnucleotide' in adequate dosage may mean the difference between success and failure.

# 'Pentnucleotide'

Full information on this mixture of the sodium salts of pentose nucleotides for intramuscular use will be sent to any interested physician on request.

**MENLEY & JAMES LTD., 123, COLDHARBOUR LANE, LONDON, S.E.5**

P3

# For Effective Control of Pain

AMONG the many and diverse analgesics which have been evolved by modern chemical research, acetyl-salicylic acid retains its reputation as one of the safest and most effective. Its tendency to liberate salicylic acid—the irritant properties of which are well known to physicians—has, however, caused many to hesitate to employ it as widely as it deserves. Exhaustive trial in hospital and private practice proves that "Alasil" definitely solves the problem of administering acetyl-salicylic acid in an effective form, being free from the risk of irritating the stomach or bowels or of causing general reactions.

*A supply for clinical trial with full descriptive literature sent free on request.*

In "Alasil" the desirable therapeutic effects of acetyl-salicylic acid are well exhibited by its calcium acetyl-salicylate moiety, while the presence of "Alocol" (Colloidal Hydroxide of Aluminium), a powerful gastric sedative and antacid, obviates any tendency to gastric irritation. The superior absorbability of "Alasil" over ordinary salicylate compounds and its freedom from the risk of liberating free salicylic acid in the stomach have been well proved by careful experimentation. "Alasil" can be prescribed with perfect safety to patients of all ages and in larger doses than ordinary salicylate compounds.

A. WANDER, LTD., Manufacturing Chemists,
184, Queen's Gate, London, S.W.7.
*Laboratories and Works:* KING'S LANGLEY, HERTS.

# ALASIL

M265

# PHYTOFEROL CAPSULES

*(Vitamin E Capsules B.D.H.)*

Vitamin E has been described as '. . . *probably the most valuable vitamin, from the therapeutic point of view, yet discovered*'. It is available in standardised form as Phytoferol in capsules each containing the equivalent of 3 mg. of *dl*-α-tocopherol.

Animals fed on a Vitamin E-deficient diet develop neurological disturbances, leading to muscular dystrophy and degeneration of the anterior horn cells of the lumbar cord; in the pregnant rat resorption of the fœtus occurs.

Phytoferol is of value clinically in the early stages of all myopathies, particularly amyotonia congenita. It is employed also in motor neurone disease, namely progressive muscular atrophy, amyotrophic lateral sclerosis and chronic bulbar paralysis. In tabes dorsalis and in disseminated sclerosis its use may lead to increased vitality of the nerve tracts.

Phytoferol should be administered as a routine throughout pregnancy and in all cases of sterility, both male and female.

*Literature on request*

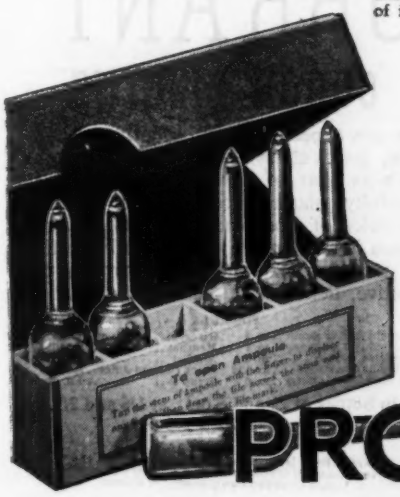
THE BRITISH DRUG HOUSES LTD. LONDON N.1

Telephone: Clerkenwell 3000 Telegrams: Tetradome Telex London

Phy/E/438

**In Pruritus Ani,[1] Anal Fissure,[1] Pruritus Vulvæ,[1] and Lower Abdominal Pains originating from the Cervix Uteri[2]**

Proctocaine is a lasting, non-toxic, local anæsthetic, for use in irritating or painful conditions of the skin and subcutaneous tissues. It is an improved form of A.B.A. Proctocaine is a combination of oil-soluble anæsthetics of low toxicity. These are combined so as to produce *immediate local anæsthesia* which is maintained by the slow, uniform absorption of its oily vehicle, and action of its oil-soluble ingredients.




The advantages of Proctocaine over other solutions have been found[1] to be as follows:

1. Its effect is almost certain.
2. It produces anæsthesia or hypo-anæsthesia for periods varying from 7 to 28 days or longer.
3. The relaxation which it produces in the anal musculature is much greater and more prolonged.
4. It is comparatively non-toxic, injection of 20 to 30 c.cm. producing no general effect.
5. Even large quantities of it at one sitting have not been found to produce any local reaction if injected properly.
6. Its injection is painless if made slowly.
7. In no case did it produce severe after-pain.

[1] *British Medical Journal*, 1935, November 16th, p. 938.
[2] *British Medical Journal*, 1938, January 15th, p. 105.

In 2 c.cm. ampoules: boxes of 6, 4/6; and 12, 8/6.
„ 5 c.cm. „ „ „ 6, 8/6.
„ 10 c.cm. „ „ „ 3, 8/6.

*Plus Purchase Tax.*

# PROCTOCAINE
## Injection Solution
LOCAL ANÆSTHETIC—ANALGESIC

Telephone: 5000 Bishopsgate (13 lines) **ALLEN & HANBURYS Ltd., LONDON, E.2** Telegrams: "Greenberry Beth London."

Trade Mark **CORVOTONE** Brand

***Pyridine-β-carboxylic acid diethylamide***
***(Nikethamide)***

## Cardiac and Respiratory Stimulant

Corvotone is a 25 per cent solution of pyridine-β-carboxylic acid diethylamide for administration by mouth or parenterally. Corvotone is one of the most potent analeptics, is non-toxic and does not give rise to any undesirable reactions. The dose is 2 c.c. orally or from 2 to 4 c.c. by subcutaneous injection. Larger doses may be given by intravenous injection when a very rapid action is required.

| CORVOTONE ORAL | CORVOTONE |
|---|---|
| ½ fl. oz. bottle - 3/11 | Box of 3 x 2 c.c. ampoules 2/6 |
| 100 c.c. bottle - 19/6 | Box of 6 x 2 c.c. ampoules 4/5½ |
| | Box of 3 x 5 c.c. ampoules 5/7 |

*Discount to the Medical Profession*

Obtainable through all Branches of

Boots

*Literature sent upon request*

**BOOTS PURE DRUG CO. LTD NOTTINGHAM**

M641-61

# GLYCURRANT

## COUGH LINCTUS

is a new expectorant and sedative preparation, particularly suited to dry coughs, such as that of chronic bronchitis. Its carefully planned composition includes the juice of ripe black currants, an agent which is well known for its soothing effect on the pharynx, and which gives a distinctive, delicious flavour to the mixture.

**FORMULA:**

| | | | |
|---|---|---|---|
| Liquid Ext. of Squill .. | m. ½ | Glycerin .. .. .. | m. 30 |
| Liquid Ext. of Senega | m. 1 | Menthol .. .. .. | gr. 1/180 |
| Solution of Tolu .. | m. 5 | Alcohol .. .. .. | m. 4 |
| Codeine Phosphate .. | gr. 1/16 | Black Currant Juice.. | m. 30 |
| Syrup of Wild Cherry.. | m. 6 | Syrup to .. .. .. | 1 fl. dr. |

**In bottles of 2½ and 5 ozs., at 1/6 and 2/9.**

*Plus Purchase Tax*

DOSAGE—It is recommended that, for adults, one teaspoonful of Glycurrant Cough Linctus undiluted should be sipped slowly every 3 or 4 hours.

**ALLEN and HANBURYS LTD**

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*Desiccant Paste for Exudatory Dermatoses*

Siccolam is a thick, fat-free creamy application for the treatment of all inflammatory conditions of the skin. On account of its remarkable dehydrating action the use of Siccolam is indicated primarily in the acute stages of any dermatosis in which there is considerable exudation.

In addition to zinc oxide and small quantities of purified silicates Siccolam contains titanium dioxide. Titanium salts are active in the relief of erythema and pruritus, so that in addition to absorbing fluid Siccolam will be found to produce rapid alleviation of the inflammation.

Siccolam is indicated in all cases in which exudation of fluid, erythema and pruritus predominate. There are no contra-indications whatever to its use.

*Literature on request*

THE BRITISH DRUG HOUSES LTD. LONDON N.1

Telephone: Clerkenwell 3000 Telegrams: Tetradome Telex London

Sic/E/1

# Relief of Pain

**Reduction of Swelling** **Decrease in Muscle Spasm**

In many cases of fibrositis, lumbago, neuritis, myalgia and mild arthritis, 'Calsiod' has a prompt and intense analgesic effect. Even in severe cases of acute or chronic arthritis brilliant results have been reported. This is especially true when 'Calsiod' is continued for several weeks in conjunction with orthopædic measures and, of course, the elimination of septic foci. By these means patients who were chronic invalids for many months have been restored to useful activity.

'CALSIOD' *Brand* TABLETS

Each tablet contains 0·5 grm. Calcium Ortho-iodoxybenzoate

*Samples and literature on request*

MENLEY & JAMES LTD., 123, COLDHARBOUR LANE, LONDON, S.E.5

C3

IN states of nervous tension there is frequently found an associated impairment of assimilation and nutrition. Conversely it is observed that when measures are taken to provide an easily assimilated food which meets every metabolic need, the patient's condition undergoes definite improvement.

For this purpose, both as an emergency measure and as a regular routine, there is nothing which rivals 'Ovaltine.' This food beverage is a unique combination of malted barley, full cream milk and eggs from the world-famous 'Ovaltine' Farms. The manufacture is carried out by exclusive extraction processes *in vacuo*, at low temperature, and in such a way that all the important dietetic qualities are fully conserved.

The nutritive and energising constituents of 'Ovaltine' are rapidly assimilated, providing every dietary essential, and at the same time exerting a helpful sedative effect on the nervous system.

'Ovaltine' possesses many advantages, and its outstanding usefulness receives even greater emphasis in war-time practice, both civil and military. Now, as in 1914-1918, 'Ovaltine' is widely used in the war-time hospital service both in England and overseas. Supplies are available to hospitals in special packings and at special prices.

*A liberal supply for clinical trial sent free on request*

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M303

# GENTIAN VIOLET JELLY

**with**

TRADE MARK **'MERTHIOLATE'** BRAND

SODIUM ETHYL MERCURITHIOSALICYLATE

# FOR THE TREATMENT OF BURNS

This Jelly, containing one per cent. Gentian Violet, provides a convenient method of applying the dye to burned areas. Particularly adapted for use in burns about the face and hands, areas where the skin is thin, and in body flexures. The addition of 'Merthiolate,' which is an excellent general germicide with a low toxicity for tissues, enhances the value of the product and further lessens the possibility of infection.

Supplied in one-ounce and five-ounce collapsible tubes.

*References:* Lancet, *November 16th, 1940, page 621.*
B.M.J. *November 16th, 1940, page 679.*

ELI LILLY AND COMPANY LIMITED
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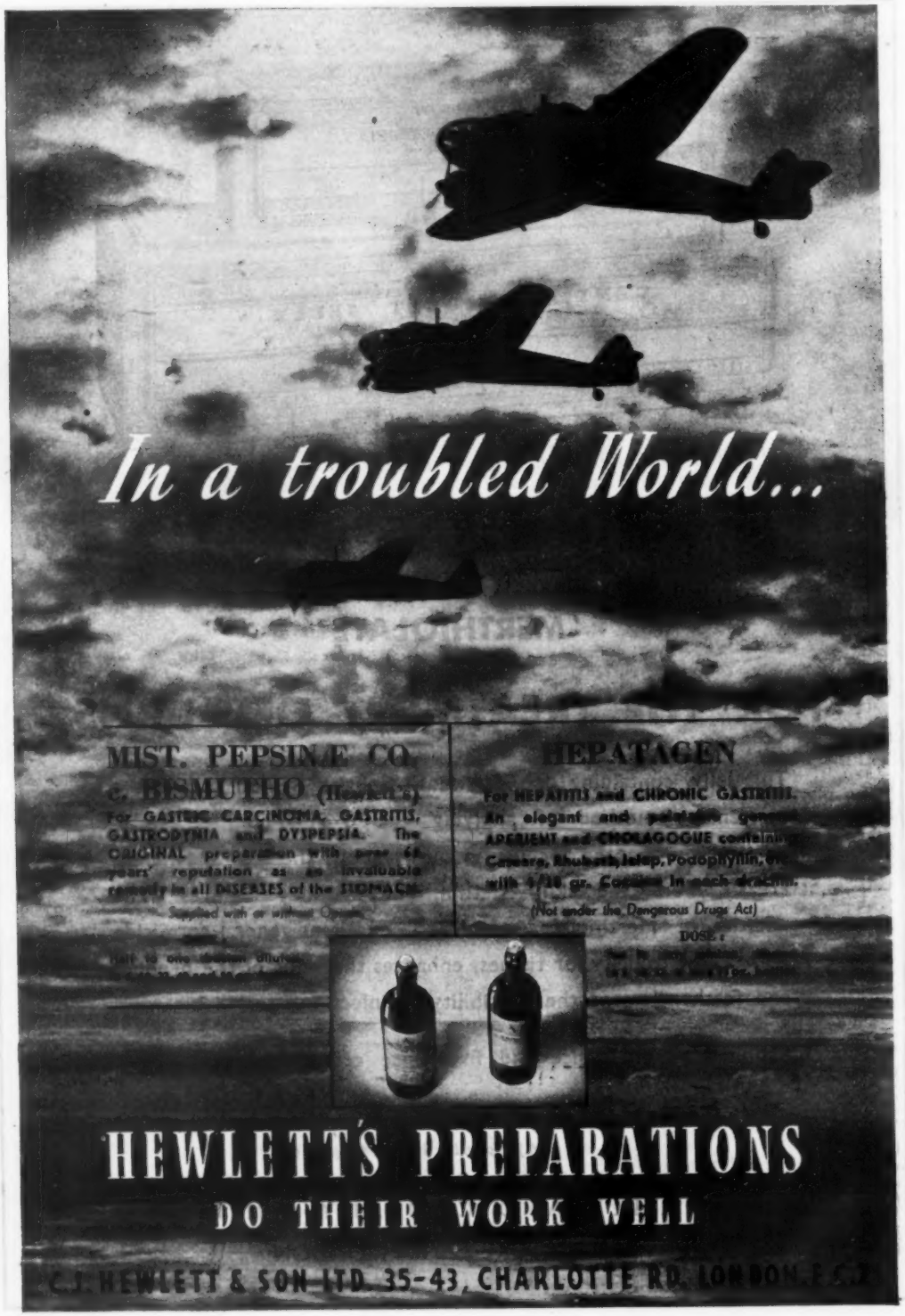
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c. BISMUTHO (Hewlett's)
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Supplied with or without Opium.
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For HEPATITIS and CHRONIC GASTRITIS.
An elegant and palatable general APERIENT and CHOLAGOGUE containing Cascara, Rhubarb, Jalap, Podophyllin, etc. with 1/10 gr. Codeine in each drachm.
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DO THEIR WORK WELL
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*First in the Field*

## OF BRITISH SULPHONAMIDE THERAPY

FIRST to make available in Britain a colourless chemotherapeutic anti-streptococcal agent—* **PROSEPTASINE**

FIRST to supply a colourless sulphonamide in concentrated aqueous solution — * **SOLUSEPTASINE**

FIRST to give the profession a drug of high therapeutic activity in pneumococcal, meningococcal and gonococcal infections — * **DAGENAN - M & B 693** *

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The range of May & Baker sulphonamides also includes * SOLUSEPTASINE Ointment for topical infections and Sulphanilamide May & Baker.

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MEDICAL EVANS PRODUCTS

# STREPTOCIDE BACTERIOSTATIC INSUFFLATOR

Registered Design No. 838393.

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**(Sulphanilamide-Evans)**

for the prophylaxis and treatment of bacterial infections associated with infected wounds and compound fractures.

*Price and descriptive literature on request to Home Medical Department.*

Made in England by

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*Important Announcement*

# INSULIN

1. The total stocks of insulin in this country are ample for all normal requirements. Co-operative arrangements between the manufacturers will ensure that adequate stocks are always available. While temporary disturbance of supplies of a particular brand may occasionally occur, insulin will always be obtainable from one or other of the British manufacturers. **No user of insulin need have any anxiety.**

2. The insulin manufacturers of Great Britain have of their own accord agreed, in the interests of the diabetic community, to supply their own packed and labelled insulin to each other in case of need arising as a result of direct or indirect enemy action. In point of fact, on two occasions already, the manufacturers put these arrangements into operation and they were found to work most satisfactorily.

3. Economy will be effected if users of insulin will use double-strength (40 units per c.c.) or quadruple-strength (80 units per c.c.) instead of single-strength (20 units per c.c.). **Medical advice should be taken, however, before making such a change.**

4. The insulin manufacturers have been compelled to raise prices as from **Wednesday, 26th March 1941.** This is necessary because the charges for materials used in manufacture and packing, as well as for labour and transport, have risen steeply since September 1939—some by as much as 300%.

**ALLEN & HANBURYS LTD.**
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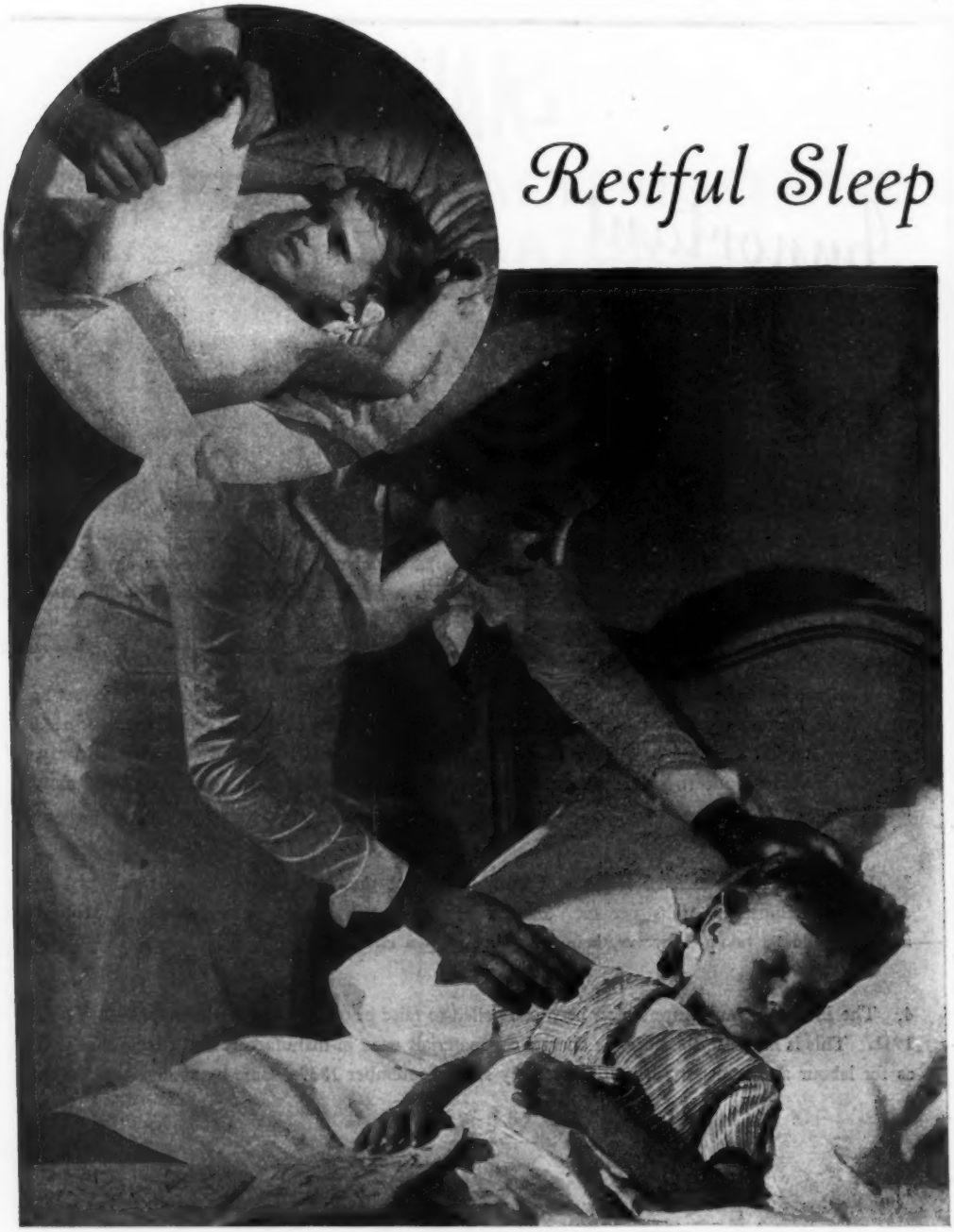
H 4006

# Restful Sleep



Bronchial irritations generally respond to applications of

**Antiphlogistine**

BRAND TRADE MARK DRESSING

No systemic reactions

Made in England

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# VITAMIN $B_6$ DEFICIENCIES

## *Some recent findings...*

CLINICAL experience, following biological experiment, has shown the usefulness of aneurin ($B_1$) in many conditions now known to be signs of dietary deficiency. Increasing the regular daily intake of Vitamin $B_1$, by the use of Bemax, not only improves the general health but also prevents the recurrence of the deficiency symptoms.

Considerably less is yet known about Vitamin $B_6$, but biological experiments with the pure vitamin have proved useful in various syndromes. Improvement has been recorded in certain cases of idiopathic epilepsy, in amyotrophic lateral sclerosis, and in hypertrophic muscular dystrophy. Decreased stiffness and rigidity have followed its use in non-postencephalitic parkinsonism.

The particular deficiency symptoms which have responded to Vitamin $B_6$ administration are extreme nervousness, insomnia, irritability, cramping abdominal pain, muscular weakness and rigidity with difficulty in walking.

Bemax is probably the richest of all dietary sources of Vitamin $B_6$ and its regular use should therefore be of real benefit to patients showing groups of the above symptoms and signs.

***The Vitamin and Mineral Constituents of BEMAX***

| | *Approx. daily human requirement* | *One ounce Bemax supplies* | |
|---|---|---|---|
| | | *weight* | *% of daily requirement* |
| **VITAMIN $B_1$ (aneurin)** | mg. 2.0 (666 i.u.) | mg. 1.2 (400 i.u.) | 60 |
| **VITAMIN $B_2$ (riboflavin)** | 2.0 | 0.9 | 45 |
| **P.P. factor (nicotinic acid)** | 5.0 | 1.1 | 22 |
| **VITAMIN $B_6$ (adermin)** | ? | richest source | probably 100 |
| **VITAMIN E (α-tocopherol)** | ? 2.5-5.0 | 7.0-10.0 | 100+ |
| **IRON (available)** | 12.0 | 2.7 | 25 |
| **COPPER** | 1.8 | 0.45 | 25 |
| **PROTEIN, first class** | gm. 40 | gm. 9 | 22.5 |

*Clinical sample of Bemax and literature sent to medical men on application to:*

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## Other Products of Vitamins Ltd.

**BEFORTISS**
(Brand)
**Concentrated Vitamin B**

*Tablets.* 200 i.u. and 2 mg. per gm. For high dosage of the B complex.
*Ampoules.* 2, 10 and 20 mg. For high Vitamin $B_1$ dosage.

**FERTILOL**
(*Wheat germ oil*)
**Capsules**
*A highly active stable source of Vitamin E.*

For the treatment of habitual abortion, dietary sterility and certain neuro-muscular degenerations, etc.

**COMPLEVITE**
**Tablets**
*Vitamin and Mineral supplement.*

To make good the recently revealed deficiencies of vitamins and minerals in the average daily diet.

**PREGNAVITE**
**Tablets**
*Vitamin and Mineral supplement.*

To ensure an *adequate* supply of vitamins and minerals to meet the special requirements of pregnancy.

# A NEW NOTE is sounded in the management of NORMAL PREGNANCIES . . .

by Fall's advice, that progestin be used prophylactically to guard against abortion in expectant mothers who must make long journeys, who suffer severe mental shock occasioned by the receipt of bad news, etc., or who are the victim of febrile disease, in which the hyperpyrexia might induce an obstetrical accident. Ill. Med. J., 76, 507, 1940.

# PROGESTIN ORGANON

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4 : 4′ - dihydroxy - α : β - diethylstilbene (diethylstilbœstrol)

A highly potent synthetic œstrogen which has been shown to be effective in cases of vasomotor and menstrual irregularities and other symptom-complexes due to deficiency of the follicular hormone. Closely resembles the natural hormone in therapeutic effect. Well tolerated.

Clinical evidence suggests that Stilbœstrol Dipropionate has a more lasting effect than Stilbœstrol without undue reduction in activity.

'Wellcome' Stilbœstrol Ointment contains 0.05 per cent. Stilbœstrol Dipropionate. Uniform in consistence and composition. Particularly indicated in menopausal conditions including atrophic vaginitis and kraurosis vulvæ.

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0·5 mgm. bottles of 25 at 1/- and 100 at 2/10
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**'TABLOID' and 'HYPOLOID' HEXŒSTROL PRODUCTS are available in packings similar to the above and at the same prices.**

*London Prices to the Medical Profession*

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**SPARKLET RESUSCITATOR**

The 'Sparklet' Resuscitator has again and again proved invaluable in the Carbon Dioxide treatment of Respiratory Failure Emergencies.

*$CO_2$ Snow Sticks!*

**POCKET $CO_2$ SNOW OUTFIT**

With this outfit, $CO_2$ Snow Sticks are prepared in a few moments, and the treatment of skin blemishes made convenient and economical.

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***medical men should be particular to specify***

**Dr. J. Collis Browne's CHLORODYNE**

**The Original and only genuine Chlorodyne**

used with unvarying success by the Medical Profession in all parts of the world for over 90 years.

***Always insist on "Dr. Collis Browne's."***

**THERE IS NO SUBSTITUTE**

*For That Extra Margin of Safety—*

The KBB ALL BRITISH

**SHADOWLESS LAMP**

**WITHOUT WHICH NO OPERATING THEATRE IS FULLY EQUIPPED**

Provides an intense, shadowless, cool and diffused light, allowing the surgeon to see clearly and distinctly throughout the operation. Can be adjusted by a touch. Special Safety Suspensions. Easy to instal. Low maintenance. No glass mirrors to break or require adjustment. Outer glass of non-splinterable safety type.

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## TO THE MEDICAL PROFESSION

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It has reserve stocks ready all over the country. It will not fail you, provided you play your part, and

**DON'T HOARD OUR CYLINDERS**

**THE BRITISH OXYGEN CO LTD**

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## Royal College of Surgeons of England.

ELECTION OF PROFESSORS AND LECTURERS.

The Council invites applications for election to the office of HUNTERIAN PROFESSOR, ARRIS AND GALE LECTURER, ARNOTT DEMONSTRATOR, and ERASMUS WILSON DEMONSTRATOR for the ensuing year.

The twelve Hunterian Lectures are delivered by Fellows or Members of the College, and are illustrated by preparations from the Hunterian Collection and the other contents of the Museum.

The three Arris and Gale Lectures are on subjects relating to Human Anatomy and Physiology, the six Arnott Demonstrations on the contents of the Museum, and the six Erasmus Wilson Demonstrations on the Pathological contents of the Museum.

Applications in writing must be made to the Secretary on or before Monday, April 28th. Candidates for the Hunterian Professorships and Arris and Gale Lectureships are requested to submit with their applications twelve copies of a synopsis of approximately 500 words describing the subject matter of their proposed lecture.

In the case of Hunterian Lectures the Council is prepared to consider applications for either a series of lectures or a single lecture.

KENNEDY CASSELS, Secretary.

Lincoln's Inn-fields, London, W.C.2, March 29th, 1941.


## CHISWICK HOUSE,

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## BRITISH POSTGRADUATE MEDICAL SCHOOL
(UNIVERSITY OF LONDON)

### WAR SURGERY OF THE NERVOUS SYSTEM
**31st March to 4th April, 1941**

| | | | |
|---|---|---|---|
| Monday, 31st March | 10 A.M. | The Surgical Anatomy of the Skull and Brain. | Mr. G. C. Knight, F.R.C.S. |
| | 10.30 A.M. | (a) Mechanism and Nature of the Injuries to the Skull. | Mr. G. C. Knight, F.R.C.S. |
| | | (b) Mechanism and Nature of the Concomitant Injury to the Brain. | Mr. G. C. Knight, F.R.C.S. |
| | 1.30 P.M. | Bus to Royal College of Surgeons. | |
| | 2 P.M. | Demonstration of Specimens illustrating War Surgery of the Nervous System. | Mr. G. C. Knight, F.R.C.S. |
| Tuesday, 1st April | 10 A.M. | (a) Closed Injuries of Skull and Brain, their Complications and Management. | Mr. D. W. Northfield, M.S., F.R.C.S. |
| | | (b) Immediate Treatment and Management of Wounds of Skull and Brain. | Mr. D. W. Northfield, M.S., F.R.C.S. |
| | 2 P.M. | Demonstration on the Cadaver of Operations on Skull and Brain. | Mr. A. K. Henry, F.R.C.S. |
| Wednesday, 2nd April | 10 A.M. | Surgical Sequelæ of Wounds of Skull and Brain. | Mr. G. C. Knight, F.R.C.S. |
| | 12.15 P.M. | Use of X-rays in the Diagnosis of Head Injuries. | Dr. J. Duncan White, M.B., Ch.B., D.M.R.E. |
| | 2 P.M. | Disorders following Head Injuries. | Dr. J. Purdon Martin, M.D., F.R.C.P. |
| | 3.15 P.M. | Hysterical Disorders associated with War Wounds. | Dr. Aubrey Lewis, M.D., F.R.C.P. |
| Thursday, 3rd April | 10 A.M. | Some Sequelæ of War Wounds of Skull and Brain. | Mr. Harvey Jackson, F.R.C.S. |
| | 12 NOON | Demonstration on the Cadaver of Operations on the Spine. | Mr. A. K. Henry, F.R.C.S. |
| | 1.30 P.M. | X-rays in War Injuries of the Spine. | Dr. J. Duncan White, M.B., Ch.B., D.M.R.E. |
| | 2 P.M. | War Injuries of the Spinal Cord. | Prof. Lambert Rogers, F.R.C.S., F.A.C.S., F.R.A.C.S. |
| Friday, 4th April | 10 A.M. | War Injuries of the Peripheral Nerves. | Dr. G. Riddoch, M.D., F.R.C.P. |
| | 12.30 P.M. | Lunch. | |
| | 1 P.M. | Investigations of Peripheral Nerve Lesions. | Dr. N. S. Alcock, M.B., M.R.C.P. |
| | 2.15 P.M. | Possibilities of Nerve Grafting. | Mr. F. H. Bentley, F.R.C.S. |
| | 3.15 P.M. | Care of the Bladder in Injuries of the Nervous System. | Sir Alfred Webb-Johnson, O.B.E., D.S.O., F.R.C.S. |

The fee for the Course will be one guinea, but no fee will be charged in the case of Officers of the Armed Forces and whole-time Officers of the E.M.S., who submit a leave certificate and register their names before the commencement of the Course. Applications for tickets should be addressed to the DEAN, British Postgraduate Medical School, Ducane Road, W.12.

Further War Surgery courses will commence as follows:—
OPERATIVE SURGERY IN WARTIME: Monday, 21st April.
WAR SURGERY OF THE EXTREMITIES: Monday, 12th May.
WAR SURGERY OF THE ABDOMEN: Monday, 26th May.

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A Private Home for the Care and Treatment of a limited number of LADIES with Mental and Nervous Disorders. Certified, Voluntary, and Temporary Patients received. Mansion with 12 acres of ground. (*See Medical Directory*, p. 2346.) Apply Resident Physician. Telephone: Little Chalfont 2046. Station: Chalfont and Latimer.

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**For MENTAL DEFECTIVES of all ages**

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Superior trained Nurses for Medical, Surgical, Mental Dipsomania, Travelling and all cases. Nurses reside on the premises and are always ready for urgent calls Day and Night. Skilled Masseuses, Masseurs, and good Value attendants supplied. *Terms from £3 12 6.* Apply to the Secretary or Lady Supt.

Telegrams: Tactear, London. :: Surgical, Glasgow. Tactear, Manchester. :: Tactear, Dublin.
Telephones: London, 1277 Welbeck (2 lines). Manchester, 3152 Ardwick. Glasgow, 477 Douglas. Dublin, 42806.

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## FOR NERVOUS AND MENTAL DISORDERS,

## NORTHAMPTON

*FOR THE UPPER AND MIDDLE CLASSES ONLY.*

PRESIDENT: THE MOST HON. THE MARQUESS OF EXETER, K.G., C.M.G., A.D.C.

MEDICAL SUPERINTENDENT: THOMAS TENNENT, M.D., M.R.C.P., D.P.H., D.P.M.

This Registered Hospital is situated in 130 acres of park and pleasure grounds. Voluntary patients, who are suffering from incipient mental disorders or who wish to prevent recurrent attacks of mental trouble; temporary patients, and certified patients of both sexes are received for treatment. Careful clinical, bio-chemical, bacteriological, and pathological examinations. Private rooms with special nurses, male or female, in the Hospital or in one of the numerous villas in the grounds of the various branches can be provided.

### WANTAGE HOUSE

This is a Reception Hospital in detached grounds with a separate entrance, to which patients can be admitted. It is equipped with all the apparatus for the complete investigation and treatment of Mental and Nervous Disorders by the most modern methods; insulin treatment is available for suitable cases. It contains special departments for hydrotherapy by various methods, including Turkish and Russian baths, the prolonged immersion bath, Vichy Douche, Scotch Douche, Electrical baths, Plombieres treatment, etc. There is an Operating Theatre, a Dental Surgery, an X-Ray Room, an Ultra-violet Apparatus, and a Department for Diathermy and High-frequency treatment. It also contains Laboratories for bio-chemical, bacteriological, and pathological research. Psychotherapeutic treatment is employed when indicated.

### MOULTON PARK

Two miles from the Main Hospital there are several branch establishments and villas situated in a park and farm of 650 acres. Milk, meat, fruit, and vegetables are supplied to the Hospital from the farm, gardens, and orchards of Moulton Park. Occupational therapy is a feature of this branch, and patients are given every facility for occupying themselves in farming, gardening, and fruit growing.

### BRYN-Y-NEUADD HALL

The seaside house of St. Andrew's Hospital is beautifully situated in a Park of 330 acres, at Llanfairfechan, amidst the finest scenery in North Wales. On the North-West side of the Estate a mile of sea coast forms the boundary. Patients may visit this branch for a short seaside change or for longer periods. The Hospital has its own private bathing house on the seashore. There is trout-fishing in the park.

At all the branches of the Hospital there are cricket grounds, football and hockey grounds, lawn tennis courts (grass and hard courts), croquet grounds, golf courses, and bowling greens. Ladies and gentlemen have their own gardens, and facilities are provided for handicrafts, such as carpentry, etc.

For terms and further particulars apply to the Medical Superintendent (TELEPHONE: No. 2356 and 2357 Northampton), who can be seen in London by appointment.

# CHEADLE ROYAL HOSPITAL, Cheadle, Cheshire.

This REGISTERED HOSPITAL, with a SEASIDE BRANCH at Colwyn Bay, N. Wales, is for the treatment and care of those of the Upper and Middle Classes suffering from MENTAL AND NERVOUS DISEASES.

The Hospital is governed by a COMMITTEE, appointed by the TRUSTEES of the Manchester Royal Infirmary.

In addition to the Main Buildings there are separate villas. Extensive grounds. Hard and grass tennis courts, cricket and croquet grounds, and a court for badminton. There are also wireless installations. Golf may be had within easy distance. Occupational Therapy.

VOLUNTARY, TEMPORARY, AND CERTIFIED PATIENTS received.

The Hospital is nine miles from Manchester, 50 minutes by rail from Liverpool, and 3½ hours from London.

For terms and further particulars apply to the Medical Superintendent, who may be seen in Manchester BY APPOINTMENT. *Telephone: Gatley* 2231 (3 lines).

# CAMBERWELL HOUSE

Telegrams: "PSYCHOLIA, LONDON." 33, PECKHAM RD., LONDON, S.E.5. Telephone: Rodney 4343 (3 lines).

***For the treatment of MENTAL DISORDERS.***

Also completely detached Villas for Mild Cases, with private suites if desired. Voluntary Patients received. Twenty acres of Grounds. Hard and Grass Tennis Courts, Putting Greens, Bowls, Croquet, Squash Rackets, Recreation Hall with Badminton Court, and all indoor amusements, including Wireless and other Concerts, Occupational Therapy, Calisthenics, and Dancing Classes. X-ray and Actino-therapy, Prolonged Immersion Baths, Operating Theatre, Pathological Laboratory, Dental Surgery, and Ophthalmic Department. Chapel. Shock and also modified Insulin Therapy.

Senior Physician: DR. HUBERT JAMES NORMAN, assisted by a resident Medical Staff, and visiting Consultants.

An Illustrated Prospectus, giving fees which are strictly moderate, may be obtained upon application to the Secretary.

**The Convalescent Branch is Hove Villa, Brighton, and is 200 feet above sea level.**

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First opened in 1898 and rebuilt in 1925 on the Cotswold Hills seven miles from Cheltenham, for the Treatment of Pulmonary and all other forms of Tuberculosis. Aspect S.S.W., sheltered from North and East, elevation 800 feet. Pure bracing air, SPECIAL TREATMENT by artificial PNEUMOTHORAX (X-ray controlled). TUBERCULINS, and ULTRA-VIOLET RAYS is available when necessary without extra charge. X-RAY plant, Fully Equipped Dental Department, Electric Light Radiators, hot and cold basins and Wireless in all rooms. Up-to-date drainage. Full day & night Nursing Staff. Terms: 5½ to 9½ Guineas a week inclusive.

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FOR THE TREATMENT OF EIGHT LADIES, VOLUNTARY, TEMPORARY AND CERTIFIED PATIENTS

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FOR EARLY AND CONVALESCENT CASES Recreational Therapies are held daily by skilled Leaders

The house stands high with spacious balconies and extensive views of the South Devon Coast. Beautiful garden. Own Dairy in 25 acres. Private road to beach.

There is also a charming house, EBWORTHY, MANATON, DARTMOOR, situated in 20 acres, 1100 ft. up for bracing moorland air.

*Resident Physicians*—BERTHA M. MULES, M.D., B.S. ANNE S. MULES, M.R.C.S., L.R.C.P.

Telephones—STARCROSS 259 and TEIGNMOUTH 289

# PECKHAM HOUSE, 112, Peckham Road, London, S.E.15

**Telegrams: "Alleviated, London"** **Telephone: Rodney 2641-2642**

A Private Mental Hospital, for Ladies and Gentlemen suffering from Nervous and Mental Illness, where the amenities of a comfortable home are combined with full investigation and every well-established modern treatment.

Terms from 3½ guineas weekly.

Illustrated Prospectus may be obtained from the Physician Superintendent.

# HAYDOCK LODGE,
## NEWTON-LE-WILLOWS, LANCASHIRE.

For the reception and treatment of PRIVATE PATIENTS of both sexes of the UPPER AND MIDDLE CLASSES suffering from Mental and Nervous Disorders, Alcoholism and Drug addiction, either voluntarily, temporarily, or under certificate. Patients are classified in separate buildings according to their mental condition. Situated in park and grounds of 400 acres. Self-supported by its own farm and gardens in which patients are encouraged to occupy themselves. Every facility for indoor and outdoor recreation. For terms, prospectus, etc., apply MEDICAL SUPERINTENDENT. *'Phone:* Ashton-in-Makerfield 7311. *Tele. Address:* Street, Ashton-in-Makerfield.

# THE CASSEL HOSPITAL FOR FUNCTIONAL NERVOUS DISORDERS

**new address: ASH HALL, BUCKNALL, near STOKE-on-TRENT, STAFFS.** *Telephone:* ASH BANK 215

Owing to existing circumstances the hospital has been transferred from Swaylands, Penshurst, Kent, to the above address for the duration of the war. Ash Hall is situated in the country about 5 miles from Stoke in the direction of Ashbourne.

The hospital will continue to admit for treatment patients of moderate means suffering from psychoneurotic illnesses.

Patients suffering from psychotic illnesses are not eligible for admission.

Further particulars may be obtained by application to the Medical Director at the new address.

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A Private Clinic, the first in Great Britain, for investigation and treatment of all forms of disease, except infectious and mental

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Separate Villa for patients suffering from the effects of alcoholism and drug addiction. Every facility for complete investigation and individual treatment on the most modern lines. Fully equipped gymnasium, golf course, and indoor swimming pool. Specially trained occupational and recreational therapists. **Special Department for Insulin Therapy.** As the hospital is well endowed terms are exceptionally moderate, e.g., First Department from 3 guineas per week, Second Department, 2 and 2½ guineas per week. Voluntary and certified patients are received. Medical Certificates given anywhere in the British Isles are valid for admission of patients. *For prospectus, necessary forms, and further information apply to:—*

Physician Superintendent, P. K. McCowan, J.P., M.D., F.R.C.P., D.P.M., Barrister-at-Law. Tel. Dumfries 1119.

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Founder: The late SIR A. J. LAW, J.P., M.P.

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The Nursing Home is governed by Trustees; any surplus is utilized to help patients who cannot afford full fees. Extensive grounds. Hydro. Expert Massage and Physical re-education. Dietary treatment. Equipped with every laboratory apparatus for the investigation and treatment of the diseases. Results of the BULGARIAN TREATMENT published (*Lancet*, 1939, 1, 693) approx.: 300 patients treated in the last 3 years. Terms moderate. Further particulars apply Medical Superintendent. Tel.: Rochdale 2960.

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This Sanatorium is established for the treatment of Tuberculosis of the Lungs and the Pleural Cavities. It is situated in the midst of a large area of park-land at a height of 450 feet above sea-level, on the South West slopes of mountains rising to over 1800 feet, which protect it from north and east winds and provide many miles of graduated walks with magnificent views. Average rainfall 29·57 per annum. Full day and night Nursing Staffs. X-Ray plant. Every facility for Artificial Pneumothorax and for operations on the chest. Electric Lighting. Central Heating. Home Farm. Grade A Milk from T.T. Herd.

For particulars apply to Medical Superintendent.

H. MORRISTON DAVIES, M.D., M.Ch. (Cantab.), F.R.C.S., Llanbedr Hall, Ruthin, N. Wales.

# THE MAUDSLEY HOSPITAL, DENMARK HILL, S.E.5.

A CLINIC for Neuroses and Curable Mental Disorder instituted by the London County Council. Facilities for *out-patient treatment only*. Cases seen from 9.30 A.M. to 12 NOON on Mondays, Wednesdays and Fridays. Inquiries of medical officer in charge at Sutton E. Hospital, Sutton, Surrey. Clinics for children are held at the Maudsley Hospital at 10 A.M. on Mondays.

Out-patient clinics are held also at St. Charles' Hospital, St. Charles' Square, Ladbroke Grove, W.10, at 10 A.M. on Wednesdays and Fridays for adults; at St. Mary (Islington) Hospital, Highgate Hill, N.19, for adults on Tuesdays and Fridays at 2 P.M.; and at Mile End Hospital, Bancroft Road, E.1, for adults on Thursdays at 10 A.M.

Attendance at the Children's Clinics at the Maudsley Hospital and at the Clinics at St. Charles', St. Mary (Islington), and Mile End Hospitals should be by appointment with the Psychiatric Social Worker at Mill Hill E. Hospital, N.W.7.

Hours of attendance subject to alteration.

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**A Registered Hospital for the Treatment of MENTAL DISORDERS of the EDUCATED CLASSES. Founded by THOMAS HOLLOWAY in 1885.**

This Institution is situated in a beautiful and healthy locality within easy reach of London. It is fitted with every comfort. Patients can have Private Bedrooms and Special Nurses as well as the use of General Sitting Rooms, at moderate rates of payment. Voluntary Patients can be admitted.

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*For Terms, apply to—*

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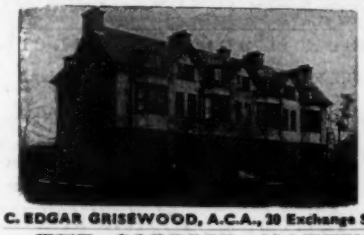

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HOSPITAL FOR MENTAL DISEASES.

President: The Right Hon. LORD BELPER.

This Institution is exclusively for the reception of a limited number of PRIVATE PATIENTS of both sexes, of the UPPER and MIDDLE CLASSES, at moderate rates of payment. It is beautifully situated in its own grounds, on an eminence a short distance from Nottingham, and commands an extensive view of the surrounding country; and from its singularly healthy position and comfortable arrangements affords every facility for the relief and cure of those mentally afflicted. Voluntary and Temporary Patients received. Occupational Therapy. For terms, &c., apply to the Medical Superintendent.

Telephone: 64177 Nottingham.

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**Church Stretton, Shropshire.**

ESTABLISHED IN 1853.

A PRIVATE HOME for the treatment of gentlemen suffering from Mental and Nervous illness, including the allied Disorders of Alcoholism and the Drug Habit. All types of early Mental and Nervous Cases are received without Certificates as Voluntary Patients under the provisions of the Mental Treatment Act, 1930. Bracing hill country. See "Medical Directory," p. 2358.—Apply to the Medical Superintendent. 'Phone 10 P.O., Church Stretton.

## MALLING PLACE, KENT

**For LADIES and GENTLEMEN of Unsound Mind.**

**Terms moderate. Apply to Resident Medical Superintendent. Telegrams: ADAM WEST MALLING. Telephone No. 2: MALLING.**

## HEIGHAM HALL, NORWICH

PRIVATE MENTAL HOME for Nervous and Mental illness. All forms o treatment available. Fees from 4 gns. per week upwards according to requirements. Vacancies occasionally exist at reduced fees on the recommendation of the patient's own physician.

Apply to Dr. J. A. SMALL. Telephone: Norwich 80

## CITY OF LONDON MENTAL HOSPITAL

**Near DARTFORD, KENT.**

Ladies and Gentlemen received for treatment under certificates, and without certificates as either VOLUNTARY or TEMPORARY PATIENTS, at a weekly fee of £2 9s., and upwards.

## THE GROVE HOUSE,

**CHURCH STRETTON, SHROPSHIRE.**

**Private Home for Ladies mentally ill. Voluntary and Temporary Patients received.**

**Medical Superintendent: Dr. J. A. MCCLINTOCK**

## Examining Surgeons:

FACTORIES ACT, 1937.

The following appointment as Examining Surgeon under the Factories Act, 1937, is vacant.

Applications should be sent to the CHIEF INSPECTOR OF FACTORIES, Cleland House, Page-street, S.W.1.

| *District.* | *County.* | *Latest date for receipt of application.* |
|---|---|---|
| LLANGEFNI .. | ANGLESEY .. | 8th April, 1941 |

## University of London King's College.

The Delegacy will require in May (if possible) or October next the services of a DEMONSTRATOR IN ANATOMY in the Faculty of Medicine (now at Birmingham). Salary £100 per term.

Candidates should send in their applications, accompanied by copies of three recent testimonials, not later than 10th April, 1941, to the DEPUTY SECRETARY, King's College, The Medical School, Birmingham, 15, from whom particulars and forms of application may be obtained.

## Hampstead General Hospital,

Haverstock Hill, N.W.3.

Applications are invited from single Medical Men or Women, including R practitioners who now hold A posts, for the post of HOUSE PHYSICIAN (B2) for six months, vacant 1st May next. Salary £133 6s. 8d. per annum, with board, lodging and laundry.

Applications on the prescribed form, with copies of three testimonials, to be returned by 17th April.

KENNETH A. F. MILES, House Governor.

**UNIVERSITY EXAMINATION POSTAL INSTITUTION**

**17, RED LION SQUARE, LONDON, W.C.1**

Over 50 years' experience

**POSTAL AND ORAL COACHING**

FOR

**ALL MEDICAL EXAMINATIONS**

**MEDICAL PROSPECTUS (36 pages),**

sent gratis, along with List of Tutors, &c., on application to the Principal, 17, Red Lion-square, London, W.C.1. (Telephone: HOLborn 6313.)

## Bolingbroke Hospital,

Wandsworth Common, S.W.11.

Applications are invited from registered medical practitioner for the appointment of CASUALTY OFFICER (A), including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Otherwise appointment for a further period will be considered. Salary is at the rate of £120 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

W. S. RANDOLPH BISS, Secretary-Superintendent.

## Princess Elizabeth of York Hospital

FOR SICK CHILDREN, Glamis-road, E.1.

APPOINTMENT OF RESIDENT HOUSE PHYSICIAN (B2) AT COUNTRY BRANCH, BAYFORD, HERTS.

(Approximately 70 Beds.)

Applications are invited from registered medical practitioners, including R practitioners who now hold A posts, for the appointment of Resident House Physician, to become vacant on the 15th April, 1941. Applicants should have held previous house appointments. If held by an R practitioner the appointment will be limited to six months. Salary according to experience and qualifications, but not less than £150 per annum.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than 4th April, 1941.

F. J. WILLIAMS, Deputy Secretary.

## King Edward Memorial Hospital,

Ealing, W.13.

Applications are invited from registered medical practitioners for the appointment of RESIDENT MEDICAL OFFICER (B1), vacant 1st April, 1941. Applicants should have held house appointments and had surgical experience. Preference will be given to candidates holding Diploma of F.R.C.S. (suitably qualified R practitioners holding B2 or B1 appointments are invited to apply). Salary at the rate of £275 per annum, with full residential emoluments.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of two recent testimonials, should be sent to the undersigned as soon as possible.

R. A. MICKELWRIGHT, House Governor.

## London Lock Hospital,

91, Dean-street, W.1.

(OUT-PATIENT DEPARTMENTS.)

Applications are invited from registered medical practitioners (Male) for the appointment of a NON-RESIDENT HOUSE SURGEON (A), to become vacant on 7th April, including R practitioners within three months of qualification. The appointment will be for a period of six months. Salary, with allowances and bonus, is at the rate of £385 per annum, non-resident.

Applications, stating age and full particulars, and accompanied by copies of three recent testimonials, to be sent to the SECRETARY not later than 1st April.

## West London Hospital,

Hammersmith, W.6.

APPOINTMENT OF A SECOND CASUALTY OFFICER (B2).

Applications are invited from registered medical practitioners, Male and Female, for the appointment of Second Casualty Officer (B2) to become vacant on 1st May, including R practitioners who now hold A posts. The appointment will be for a period of six months and may be terminated by one month's notice on either side. Salary according to experience, but not less than £100 per annum with the usual residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than Wednesday, 23rd April.

H. A. MADGE, Secretary.

## Dreadnought Seamen's Hospital,

Greenwich.

Applications are invited from Male registered practitioners for the appointment of HOUSE PHYSICIAN (A) now vacant, including R practitioners within three months of qualification. If held by an R practitioner, the appointment will be for six months. Salary at £200 per annum, with full residential emoluments.

Applications, stating age, nationality, qualifications with dates, and testimonials, to be sent immediately to the undersigned.

F. A. LYON, Secretary.

Seamen's Hospital Society, Greenwich, S.E.10.

## Maida Vale Hospital for Nervous

DISEASES, London, W.9.

APPOINTMENT OF RESIDENT MEDICAL OFFICER (B2).

Applications are invited from registered medical practitioners (Male) for the above appointment, to become vacant on the 1st May, 1941, including R practitioners who now hold A posts. The appointment is for six months and the salary at the rate of £150 per annum.

Applications, stating age, qualifications, nationality, and present post, accompanied by copies of three recent testimonials, should be sent to the undersigned not later than the 11th April, 1941.

L. C. DIXON, Secretary and General Superintendent.

## Royal National Orthopædic Hospital,

LONDON.

Applications are invited from registered medical practitioners (Male), including R practitioners who now hold A posts, for the appointment of RESIDENT HOUSE SURGEON (B2) at the Royal National Orthopædic Hospital, Gt. Portland Street, W.1. Salary £200 per annum, with board, quarters, laundry, etc. Duties to commence May 1st. Six months' appointment. Applications, stating age, nationality, qualifications and previous experience, with copies of testimonials, should be sent to the Secretary, 234, Gt. Portland Street, W.1, not later than April 8th.

## Royal National Orthopædic Hospital,

BROCKLEY HILL, STANMORE, MIDDX.

Applications are invited from registered medical practitioners (Male), including R practitioners holding A posts, for the appointment of RESIDENT HOUSE SURGEON (B2). The appointment is for six months, to commence May 1st. Salary £200 per annum, with board, quarters, laundry, etc. Applications, stating age, nationality, qualifications and previous experience, with copies of testimonials, should be sent to the Secretary, Royal National Orthopædic Hospital, 234, Gt. Portland Street, W.1, not later than April 8th.

## Middlesex County Council.

SPRINGFIELD MENTAL HOSPITAL, near Tooting, London, S.W.17.

Applications are invited from qualified medical practitioners (Male) for the post of ASSISTANT MEDICAL OFFICER (B1) (temporary unestablished) at the above Hospital. Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply. Salary £400 per annum, and all found.

Apply, giving full particulars, to the MEDICAL SUPERINTENDENT.

## County Borough of Rochdale.

MUNICIPAL GENERAL HOSPITAL—BIRCH HILL (475 Beds).

Applications are invited from registered medical practitioners (Male) for the post of JUNIOR RESIDENT MEDICAL OFFICER (A), including R practitioners within three months of qualification. If held by R practitioner, appointment will be for a period of six months, and in any case will only be renewable for a further period of six months. The Hospital provides accommodation for Medical, Surgical, Maternity cases and children, and the appointment includes certain services at the adjoining Public Assistance Institution. Salary at the rate of £225 per annum, plus 3% war bonus, with full residential emoluments. Application forms may be obtained from the Medical Officer of Health, Public Health Offices, Baillie Street, Rochdale, and must be returned to him not later than Tuesday, the 15th April.

HARRY BANN, Town Clerk.

## The Radcliffe Infirmary, Oxford.

Applications are invited from registered medical practitioners, Male and Female, including R practitioners within three months of qualification, for the appointment of RESIDENT MEDICAL OFFICER (A) to that section of the Infirmary, consisting of 82 Beds and dealing with the diagnosis and treatment of pulmonary tuberculosis, known as the Osler Pavilion, Headington, Oxford. The appointment becomes vacant on the 1st May, 1941, and will be for a period of six months in the first instance. Salary is at the rate of £120 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than Tuesday, 15th April.

A. G. E. SANCTUARY, Administrator.

# HIS MAJESTY'S COLONIAL SERVICE

## THE COLONIAL MEDICAL SERVICE

## VACANCIES FOR MEDICAL OFFICERS

**The maintenance of an efficient Colonial Medical Service constitutes a vital part of the national war effort and it is most important that the Service should be assured of an adequate supply of doctors.**

**The Secretary of State for the Colonies therefore invites applications from doctors possessing a medical qualification registrable in the United Kingdom who are British subjects and who are under thirty-five years of age.**

**Medical Officers are appointed in the first instance for general service. But there are ample opportunities for work in special branches of medicine and surgery, in public health and in medical research.**

**The normal salary scale is from £600 to between £1,000 and £1,120. There are large numbers of super-scale posts to which promotion is made on merit and which carry higher salaries.**

**Government quarters, in many cases free of rent, and first-class passages to and from the Colonies are provided, and an adequate pension scheme is in force.**

**Selected candidates are normally required to attend a course of instruction in Tropical Medicine and Hygiene either before proceeding overseas or during their first period of leave.**

**Further particulars, including the regulations governing admission to the Colonial Medical Service, may be obtained from the Director of Recruitment (Colonial Service), 29, Queen Anne's-gate, London, S.W.1.**

## County Borough of Stockport.

STEPPING HILL HOSPITAL.
(450 Beds.)

ACTING DEPUTY MEDICAL SUPERINTENDENT.

Applications are invited from registered medical practitioners for the position of Acting Deputy Medical Superintendent at Stepping Hill Hospital, Stockport.

The appointed candidate will work under the supervision of the Medical Superintendent. Preference will be given to candidates possessing special experience and qualifications in midwifery. Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply.

The salary attached to the position will be £580 per annum (plus cost-of-living bonus), with emoluments of £120 per annum.

A motor-car allowance of £50 per annum will be paid.

The appointment will be subject to determination by three months' notice on either side.

The candidate appointed will be required to pass a medical examination, and will be subject to the provisions of the Local Government Superannuation Act, 1937.

Applications, stating age, qualifications, and experience, together with copies of three testimonials, are to be sent to the Medical Officer of Health, Town Hall, Stockport, endorsed "Acting Deputy Medical Superintendent."

F. KNOWLES, Town Clerk.

Town Hall, Stockport, March, 1941.

## County Borough of Stockport.

STEPPING HILL HOSPITAL.
(450 Beds.)

RESIDENT ASSISTANT MEDICAL OFFICER.

Applications are invited from duly qualified medical practitioners, including R practitioners who now hold A posts, for the B2 post of Resident Assistant Medical Officer (Male) at the above Hospital.

Salary £350 per annum (plus cost-of-living bonus), with board, residence, and laundry.

If held by an R practitioner the appointment will be limited to six months, otherwise it will be for one year, determinable by one month's notice on either side.

The person appointed will be required to devote the whole of his time to the duties of the office.

Applications, stating age, qualifications, and experience, together with copies of three testimonials, are to be sent to the Medical Officer of Health, Town Hall, Stockport, endorsed "Assistant Medical Officer."

F. KNOWLES, Town Clerk.

Town Hall, Stockport, March, 1941.

## Royal Liverpool Babies' Hospital.

"A" POST.

RESIDENT MEDICAL OFFICER required for the above Hospital. Appointment commencing April 1st, 1941; salary at the rate of £125 per annum. (40 Beds.)

R practitioners within three months of qualification may apply, when appointment will be limited to six months.

Applications, with copies of testimonials, to be sent to the HONORARY SECRETARY, 9, Copperas Hill, Liverpool, 3, immediately.

## Hull Royal Infirmary.

Applications are invited from registered medical practitioners (Male), including R practitioners within three months of qualification, for the post of CASUALTY OFFICER (A) vacant now. If held by an R practitioner the appointment will be for a period of six months. In addition to carrying out duties in the Casualty Department, the officer appointed will be attached to an Assistant Surgeon and will therefore obtain ward and theatre experience.

Salary at the rate of £175 (plus £25 war bonus) per annum, with full residential emoluments.

Applications, stating age, qualifications, dates, and nationality, and accompanied by copies of recent testimonials, should be sent to the undersigned.

R. J. CARLESS, House Governor.

## Birmingham United Hospital.

THE GENERAL HOSPITAL, THE QUEEN'S HOSPITAL, THE QUEEN ELIZABETH HOSPITAL.

Applications are invited from registered medical practitioners for the B1 post of RESIDENT REGISTRAR to the OBSTETRICAL AND GYNÆCOLOGICAL DEPARTMENT.

Candidates should have held a house appointment preferably in a Teaching Hospital.

Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply.

Salary £100 per annum, rising by £10 annually to £120 per annum, with full residential emoluments.

Applications should be sent to the undersigned (from whom all further particulars may be obtained), stating age, experience, and qualifications, with copies of recent testimonials, at once.

G. HURFORD, Secretary, Birmingham United Hospital.

The Queen Elizabeth Hospital, Edgbaston,
Birmingham, 15.

## The Royal Infirmary, Sunderland.

Applications are invited from Male registered medical practitioners, including R practitioners within three months of qualification, for the appointment of—

(i) HOUSE SURGEON (A);
(ii) CASUALTY OFFICER AND HOUSE SURGEON (A) to E.N.T. DEPARTMENT.

The appointments will be limited to six months.

The salary is at the rate of £120 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned at the earliest possible date.

M. J. HUNTLEY, House Governor and Secretary.

## Walsall General Hospital.

Applications are invited from registered medical practitioners for the appointment of a HOUSE SURGEON (A), to become vacant on 1st April, 1941, including R practitioners within three months of qualification. The appointment will be for a period of six months. Salary at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

R. C. MILLWARD, House Governor.

21st March, 1941.

## Cornwall County Council.

Applications are invited from registered medical practitioners for appointment as TEMPORARY ASSISTANT SCHOOL MEDICAL OFFICER. Salary £500 per annum, with travelling expenses on approved scale. Car essential.

Applications, stating age, qualifications, and experience, should be sent with copies of testimonials to the County Medical Officer, County Hall, Truro, not later than 7th April, 1941.

T. A. H. SHEERS, Clerk of the County Council.

County Hall, Truro.

## Ipswich Borough General Hospital.

APPOINTMENT OF HOUSE SURGEON (A).

Applications are invited from registered medical practitioners, Male and Female, for the appointment of a House Surgeon (A), to become vacant on 19th April, 1941, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months, otherwise it may be extended. Salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than 12th April, 1941.

J. W. HUNTER, Medical Officer of Health.

Public Health Department, Elm-street, Ipswich.

## Exminster Hospital.

Applications are invited from registered medical practitioners, Male and Female, for the appointment of a HOUSE SURGEON (A), to become vacant immediately, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Otherwise it will be for a period of one year.

Salary is at the rate of £200 per annum with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than 2nd April.

S. M. ALLAN, Medical Superintendent.

Exminster Hospital, Exminster, near Exeter, Devon.

## Calderstones Hospital, Whalley,

near BLACKBURN, LANCS.

Applications are invited from registered medical practitioners, Male, for the appointment of HOUSEMAN (Medical or Surgical) (A post), to become vacant immediately, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Otherwise it will be for a period of six months in the first instance. Salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the MEDICAL SUPERINTENDENT not later than the 19th April, 1941.

12th March, 1941.

## Bedford County Hospital.

Applications are invited from registered medical practitioners Male and Female, for the appointment of a CASUALTY AND EAR, NOSE, AND THROATOFFICER (A), to become vacant immediately, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Otherwise it will be for a period of six to twelve months. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the SECRETARY, Hon. Medical Staff Committee, as soon as possible.

## North Riding Infirmary, Middlesbrough.

(General Hospital—143 Beds—Three Residents.)

Applications are invited from registered medical practitioners, including R practitioners within three months of qualification, for the appointment of CASUALTY HOUSE SURGEON (A) which is now vacant. Salary £150 per annum, with board, residence, and laundry. Appointment will be for six months.

Applications, stating age, qualifications, and accompanied by copies of recent testimonials, should be sent to the undersigned forthwith.

GERALD A. KENYON, Secretary-Superintendent.

## North Riding Infirmary,

MIDDLESBROUGH.

(General Hospital: 143 Beds—Three Residents.)

Applications are invited from qualified medical practitioners (including R practitioners who now hold A posts), for the appointment of HOUSE SURGEON (B2) at once. Salary £170 per annum, with board, residence, and laundry. If held by an R practitioner, appointment will be for a period of six months.

Applications, stating age, qualifications, and accompanied by copies of recent testimonials, should be sent to the undersigned forthwith.

GERALD A. KENYON, Secretary-Superintendent.

## Municipal General Hospital, Burnley.

(250 Beds.)

APPOINTMENT OF JUNIOR RESIDENT MEDICAL OFFICER (A).

Applications are invited from registered medical practitioners, Male and Female, for the above appointment (A) which is now vacant, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Otherwise it will be for a period of twelve months. Salary is at the rate of £150 per annum for the first six months and £200 per annum for the second six months, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of recent testimonials, should be sent to the MEDICAL OFFICER OF HEALTH, 27, St. James's-street, Burnley, as soon as possible.

## Bristol Eye Hospital.

Applications are invited from registered medical practitioners, Male and Female, for the appointment of JUNIOR RESIDENT OPHTHALMIC HOUSE SURGEON (B2), vacant immediately, including R practitioners who now hold A posts. If held by an R practitioner the appointment will be limited to six months. Senior post available May 1st. The salary of Junior House Surgeon is at the rate of £100 per annum and that of the Senior post at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, accompanied by three recent testimonials, should be sent to the undersigned as soon as possible.

D. M. BAKER, Secretary and House Governor.

## Rochdale Infirmary and Dispensary,

LANCS. (110 Beds.)

APPOINTMENT OF SECOND HOUSE SURGEON (A).

The Board of Management invites applications for the appointment of Second House Surgeon (A appointment) now vacant, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months.

Salary attached to the appointment is at the rate of £150 per annum, including board, residence, and laundry.

Applications, stating age, nationality, &c., together with copies of three recent testimonials, to be sent to the Secretary.

The successful candidate must be a member of a medical defence society.

W. WYNNE, Secretary.

Infirmary Office, Rochdale.

## The Children's Hospital, Sheffield

(INC.). (157 Beds.)

Applications are invited from registered medical practitioners, Male and Female, for the appointment of a HOUSE PHYSICIAN (A), to become vacant on the 1st May, 1941, including R practitioners within three months of qualification. Appointment is for a period of six months. Salary at the rate of £100 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

The successful candidate must be a member of a Medical Defence Society.

T. H. G. GARTLAND, Superintendent and Secretary.

## Horton General Hospital, Banbury.

Applications are invited from qualified medical Men or Women for the following posts:—

(a) SENIOR RESIDENT MEDICAL OFFICER (B2 post). Salary £180 per annum, with board, residence, and laundry. R practitioners now holding A posts may apply.

(b) JUNIOR RESIDENT MEDICAL OFFICER (A post). Salary £150 per annum, with board, residence, and laundry. R practitioners within three months of qualification may apply, when appointment will be limited to six months.

Applications, giving age, sex, and experience, to be addressed to RICHARD H. PRESCOTT, Secretary and House Governor.

Horton General Hospital, Banbury, Oxon.

## Victoria Hospital, Accrington.

APPOINTMENT OF TWO HOUSE SURGEONS (A).

Applications are invited from registered medical practitioners for appointment of Two House Surgeons (A), including R practitioners within three months of qualifying.

If held by an R practitioner appointment will be for a period of six months.

Salary rate £175 per annum, with full residential emoluments in each case.

Application, stating age, qualifications, and nationality, and accompanied by copies of three recent testimonials, to be sent to the undersigned.

J. KENYON, Financial Secretary.

## Manchester Royal Eye Hospital.

Applications are invited from registered medical practitioners, Male and Female, for the appointments of two HOUSE SURGEONS (A) now vacant, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Salary is at the rate of £120 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

H. R. NORTH, Gen. Supt. and Secretary.

## Norfolk and Norwich Hospital, Norwich.

(448 Beds.)

Applications are invited from registered medical practitioners (Male) for the appointment of a HOUSE SURGEON (A), including R practitioners within three months of qualification. If held by an R practitioner the appointment will be for a period of six months.

Salary is at the rate of £120 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

FRANK INCH, House Governor and Secretary.

21st March, 1941.

## Nottingham and Midland Eye

INFIRMARY.

Applications are invited from registered medical practitioners, Male and Female, for the post of RESIDENT HOUSE SURGEON (B2) at once, including R practitioners who now hold A posts. If held by an R practitioner, the appointment will be limited to six months. Salary £200 per annum, with full residential emoluments. 53 Beds. Large out-patient department. Post recognised for D.O.M.S.

Applications, stating age, qualifications, and nationality, with copies of three recent testimonials, to the undersigned forthwith.

T. RUSSELL MOORE, Secretary.

The Ropewalk, Nottingham.

## Heckmondwike and Mirfield Urban DISTRICT COUNCILS.

COUNTY COUNCIL OF THE WEST RIDING OF YORKSHIRE.

JOINT APPOINTMENT OF MEDICAL OFFICER OF HEALTH AND ASSISTANT COUNTY MEDICAL OFFICER.

Applications are invited from registered medical practitioners holding the Diploma of Public Health, or its equivalent, for the above-named whole-time appointment, subject to the provisions of the Sanitary Officers (Outside London) Regulations, 1935, and the Local Government Act, 1933.

The salary attached to the post is £800 per annum, advancing, subject to satisfactory service, by annual increments of £50 to a maximum of £1000 per annum, together with an allowance for travelling expenses of £50 per annum. Office accommodation and any necessary clerical assistance will be provided or, if necessary, an allowance will be made for their provision.

The appointment will be made jointly by the District Councils and the County Council, and the person appointed will not be permitted to engage in private practice and will be required—

(a) To reside either in Heckmondwike or Mirfield, or within such distance therefrom as may be approved;
(b) As Medical Officer of Health of the Urban Districts of Heckmondwike and Mirfield to act under the control and direction of the respective District Councils and to perform all the duties imposed on a Medical Officer of Health by the relevant Acts and Orders;
(c) To act as Medical Officer of the Maternity and Child Welfare Services of the Heckmondwike Urban District Council;
(d) As Assistant County Medical Officer to act under the direction and control of the County Medical Officer and to carry out duties relating to school medical examination, medical examination of defectives and certain maternity and child welfare work, and such other duties on behalf of the County Council as may be deemed necessary from time to time;
(e) To undertake such other duties, not being incompatible with the above, as the Councils may jointly decide upon, and appropriate duties in connexion with Air Raid Precautions.

The appointment will be subject to the provisions of the Local Government Superannuation Act, 1937, and to the successful candidate passing a medical examination as to his physical fitness.

Forms of application may be obtained from either of the undersigned, and completed forms, accompanied by copies of not more than three recent testimonials, must be delivered to Mr. F. L. Parker, Clerk to the Mirfield Urban District Council, Council Offices, Mirfield, not later than 19th April, 1941.

Canvassing of members of the appointing bodies, directly or indirectly, will disqualify any candidate for the appointment.

GEORGE HOLT,
Clerk to the Urban District Council of Heckmondwike.
FRANK L. PARKER,
Clerk to the Urban District Council of Mirfield.

20th March, 1941.

## The Corbett Hospital, Stourbridge, WORCS.

(Special Department. 212 Beds.)

APPOINTMENT OF HOUSE SURGEON (A).

Applications are invited from registered medical practitioners, Male and Female, for the appointment of House Surgeon (A), which is now vacant, including R practitioners within three months of qualification.

The appointment will be made for six months.

Salary is at the rate of £125 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates and nationality and accompanied by copies of three recent testimonials, should be sent to the undersigned forthwith.

W. G. H. WESTON, Secretary.

## Royal Victoria Hospital, Dover.

(80 Beds.)

Applications are invited from registered medical practitioners, Male and Female, for the appointment of a HOUSE SURGEON (A), to become vacant on 1st April, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Salary is at the rate of £180 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the SECRETARY as soon as possible.

## Royal Albert Edward Infirmary and DISPENSARY, WIGAN.

(189 Beds.)

APPOINTMENT OF A HOUSE SURGEON (A).

Applications are invited from registered medical practitioners (Male), including R practitioners within three months of qualification, for the appointment of a House Surgeon (A), to become vacant on April 1st. If held by an R practitioner, appointment will be for a period of six months. Salary is at the rate of £105 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned without delay

A. STANLEY BRUNT,
General Superintendent and Secretary.

6th March, 1941.

## Government of Northern Ireland.

VACANCY FOR TEMPORARY MEDICAL INSPECTOR.

A vacancy exists on the Staff of the Ministry of Public Security for a Temporary Medical Inspector in connexion with the Ministry's Air Raid Precautions Services. The appointment will be terminable on one month's notice.

QUALIFICATIONS.—Candidates must be British subjects by birth and not less than thirty-five nor more than sixty years old on the 11th April, 1941.

Candidates must be duly qualified medical practitioners and should have special qualifications for, or experience in, the medical work of Air Raid Precautions Services. Experience in lecturing and organisation is desirable.

SALARY.—The salary will be at the rate of £750 per annum. Travelling and subsistence allowances will be payable at the ordinary Civil Service rates.

CLOSING DATE.—Applications, with particulars of degrees, diplomas, and experience, and accompanied by copies of testimonials, should be addressed to Room 17, Administrative Buildings, Stormont, Belfast. The closing date for the receipt of applications will be the 11th April, 1941.

## Kent County Council.

COUNTY SANATORIUM, LENHAM.

RESIDENT MEDICAL OFFICER (B1).

Applications are invited for the appointment of Resident Medical Officer at the County Sanatorium, Lenham, from registered medical practitioners (Male or Female). Preference will be given to candidates having previous experience in the treatment of pulmonary tuberculosis. Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply.

The salary payable will be at the rate of £350 a year, rising, subject to satisfactory service, by £25 a year to a maximum of £450, with full residential emoluments valued at £120 for superannuation purposes.

The appointment will be subject to the provisions of the Local Government Superannuation Act, 1937, and the successful candidate will be required to pass a medical examination.

Applications, stating age, qualifications, and previous experience, with particular reference to tuberculosis, should reach the County Medical Officer, County Hall, Maidstone, not later than 8th April, 1941.

Before appointment satisfactory references will be required.

W. L. PLATTS, Clerk of the County Council.

County Hall, Maidstone, 22nd March, 1941.

## Doncaster Royal Infirmary.

Applications are invited from registered medical practitioners, including R practitioners within three months of qualification, for a HOUSE SURGEON (Male), A appointment, required immediately. The appointment is for six months.

Salary at the rate of £175 per annum, with residence, board, and laundry.

This large industrial area offers excellent opportunities for gaining experience.

Applications, accompanied by not more than three testimonials, to be sent to the undersigned immediately.

R. LANCASTER, Secretary-Superintendent.

## Liverpool and District Hospital for DISEASES OF THE HEART,

34, Oxford-street, LIVERPOOL, 7.

Applications are invited from registered medical practitioners (Male and Female), including R practitioners within three months of qualification, for the appointment of a HOUSE PHYSICIAN (A), to commence April 1st. If held by an R practitioner appointment will be for a period of six months. Salary is at the rate of £100 per annum, with full residential emoluments. Facilities for M.D. thesis.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

Miss J. LEWIS, Secretary.

## Huddersfield Royal Infirmary.

(321 Beds.)

Male HOUSE SURGEON (an A appointment) required to be attached to EYE, EAR, NOSE AND THROAT DEPARTMENTS. Duties to commence immediately, and will include the administration of anæsthetics. R practitioners within three months of qualification may apply. Salary £150 per annum, with board, residence, and laundry. Appointment for six months, subject to renewal for a similar period. If held by an R practitioner the appointment will be for a period of six months.

Applications, with copies of three recent testimonials, to be addressed to the undersigned.

H. J. JOHNSON, General Superintendent and Secretary.

## West Suffolk General Hospital, BURY ST. EDMUND'S.

(400 Beds.)

Applications are invited from registered medical practitioners (Male or Female), including R practitioners within three months of qualification, for the appointment of HOUSE SURGEON AND RESIDENT OBSTETRICIAN (A). Salary will be at the rate of £150 per annum, with full residential emoluments. Appointment to begin on the 1st May.

Applications, stating age and qualifications, and accompanied by copies of recent testimonials, should be sent to the undersigned before the 15th April, 1941.

22nd March, 1941. E. E. HARDWICKE, Secretary.

## Surrey County Council.

PUBLIC HEALTH DEPARTMENT.

Applications are invited for the position of OUT-PATIENT AND CASUALTY MEDICAL OFFICER (B1) at KINGSTON COUNTY HOSPITAL (540 Beds). R practitioners holding B1 or B2 posts are invited to apply.

Applicants should have had considerable experience in surgery and preference will be given to holders of a higher surgical qualification.

The appointment will be available for the duration of the war, and will be subject to one month's notice on either side. The commencing salary will be at a point on the scale £350 per annum, rising by annual increments of £25 to £450 per annum, plus full residential emoluments valued at £125 per annum. Should accommodation not be available in the Hospital, the person appointed will be required to reside in the immediate vicinity, and will receive the value of the above emoluments in cash.

Applications, giving age and previous experience, and enclosing copies of three testimonials, should be sent to the Medical Superintendent, Kingston County Hospital, Kingston on Thames, so as to be received not later than Friday, 4th April, 1941. DUDLEY AUKLAND, Clerk of the Council.

County Hall, Kingston on Thames, 28th March, 1941.

## Hull Corporation Health Department.

ASSISTANT MEDICAL OFFICER OF HEALTH.

Applications are invited from duly qualified medical Men under forty years of age, and of not less than three years' standing in their profession, for the above post.

Preference given to candidates possessing the Diploma in Public Health or equivalent qualification.

Salary £600 per annum, rising by annual increments of £25 to £700 per annum.

Duties consist mainly of work in the School Medical Department.

Experience in refraction work essential. Preference given to applicants who are Certifying Officers for the examination of Mentally Defective Children.

Application forms may be obtained from the MEDICAL OFFICER OF HEALTH, Guildhall, Hull, to whom they should be returned not later than 10 A.M. on Tuesday, the 15th April, 1941.

## York County Hospital.

(222 Beds.)

Applications are invited from registered medical practitioners for the following appointments:—

(a) ORTHOPÆDIC HOUSE SURGEON AND CASUALTY OFFICER (B2);

(b) HOUSE SURGEON to the EYE, EAR, NOSE, AND THROAT DEPARTMENT (A);

both vacant immediately, including R practitioners (a) who now hold A posts, and (b) within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Salary is at the rate of £150 per annum in each case, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

J. R. MACKRILL, Secretary.

## City of Birmingham.

MATERNITY AND CHILD WELFARE DEPARTMENT.

TEMPORARY MEDICAL OFFICER.

Applications are invited for a temporary Woman Medical Officer, to commence duties on or about April 21st.

The work includes attendance at antenatal and children's clinics.

Applicants should have had considerable experience in work with mothers and children, including a six months' resident post in a Maternity Hospital and in a Children's Hospital. Salary offered is £10 per week.

Applications, endorsed "Temporary Medical Officer for Maternity and Child Welfare," and accompanied by copies of three recent testimonials, to be made on a form obtainable from the MEDICAL OFFICER OF HEALTH, Council House, Birmingham, 3, and returned to him on or before April 10th, 1941.

## University of Leeds.

FACULTY OF MEDICINE.

The Council will shortly proceed to the appointment of a SECOND SURGICAL TUTOR, at a salary of £400 a year.

Further particulars may be obtained from the REGISTRAR, The University, Leeds, 2, who will receive applications for the post on or before the 14th April.

## Royal Hampshire County Hospital,

WINCHESTER. (457 Beds.)

Applications are invited from registered medical practitioners, including R practitioners who now hold A posts, for the appointment of SURGICAL REGISTRAR (B2). The appointment will be for a period of one year. Salary is at the rate of £350 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

H. EWART MITCHELL, Superintendent and Secretary.

## Gloucestershire County Council.

DEPUTY COUNTY MEDICAL OFFICER OF HEALTH.

Applications are invited for the appointment of Deputy County Medical Officer of Health (Male) at a salary of £750 per annum. Travelling and subsistence allowances will be paid in accordance with the Council's scale.

The appointment will be a designated post for the purposes of the Local Government Superannuation Act, 1937, and the selected candidate will be required to undergo a medical examination.

Applicants must be registered medical practitioners, should hold a Diploma in Public Health, and have experience in general public health duties and in the administrative work of a Public Health Department.

Forms of application, with particulars of the duties and conditions of appointment, may be obtained from the County Medical Officer of Health, Langham House, 18, Berkeley-street, Gloucester, to whom completed applications, with copies of three recent testimonials, should be sent not later than Wednesday, 16th April, 1941.

Canvassing, directly or indirectly, will disqualify.

RICHARD L. MOON, Clerk of the County Council.

Shire Hall, Gloucester.

## County Borough of Oldham.

THE MUNICIPAL HOSPITAL. (430 Beds.)

RESIDENT ASSISTANT MEDICAL OFFICER (A).

Applications are invited from registered medical practitioners, Male and Female, for the appointment of Resident Assistant Medical Officer, including R practitioners within three months of qualification. The appointment is for the period of six months, and if held by an R practitioner will be limited to this period. Otherwise the successful candidate will be eligible for reappointment for a further six months.

Salary £200 per annum (plus cost-of-living bonus), with board, residence, and laundry. Candidates should be unmarried.

The person appointed will be required to pass a medical examination and may be required to contribute to the Superannuation Fund of the Corporation.

The Hospital comprises 430 Beds, with facilities for gaining experience in medicine, surgery, midwifery, and the diseases of children.

Application forms and conditions of appointment should be obtained from the Medical Officer of Health, Town Hall, Oldham, and be returned endorsed "R.A.M.O." not later than 19th April, 1941.

THOMAS ALKER, Town Clerk.

Town Hall, Oldham, 29th March, 1941.

## City of Nottingham.

A.R.P. DEPARTMENT—CASUALTY SERVICE.

The Emergency Committee of the Nottingham City Council invite applications from duly qualified medical practitioners for the appointment of a MEDICAL ASSISTANT to the Director of Medical Services. The salary will be at the rate of £750 per annum. The successful candidate will be required to devote the whole of his time to the work.

Applicants must have had considerable experience in connexion with A.R.P. Casualty Service work, and First-Aid Posts.

Applications, giving full particulars of previous experience and stating the applicant's age and present appointment, together with copies of three recent testimonials, should be sent to the undersigned not later than the 9th April, 1941.

Dated this 26th day of March, 1941.

J. E. RICHARDS, Town Clerk.

The Guildhall, Nottingham.

## The Royal Hospital, Wolverhampton.

(Incorporated under Royal Charter.)

HONORARY ANÆSTHETIST.

Applications are invited to fill a vacancy which will arise shortly on the staff of the above Hospital for an Honorary Anæsthetist. The appointment will be for the duration of the war, and the successful candidate will be expected to confine private practice to the administration of anæsthetics.

For further particulars apply to the undersigned.

W. H. HARPER, House Governor.

Wolverhampton, 19th March, 1941.

## County of Lincoln—Parts of Lindsay.

PUBLIC HEALTH DEPARTMENT.

COUNTY INFIRMARY, LOUTH, LINCS.
MEDICAL SERVICE HOSPITAL.

APPOINTMENT OF RESIDENT MEDICAL OFFICER (B2).

Applications are invited from registered medical practitioners, Male or Female, for appointment as one of the Resident Medical Officers (B2), including R practitioners holding A posts. The appointment is for six months, and will be terminable by one month's notice on either side. Salary at the rate of £200 per annum.

Applications, stating age, qualifications with dates, nationality, and accompanied by copies of three recent testimonials, should be sent to the Medical Superintendent, County Infirmary, Louth, Lincs., as soon as possible.

W. S. H. CAMPBELL,
County Medical Officer of Health.

County Offices, Lincoln,
25th March, 1941.

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## Royal Isle of Wight County Hospital, RYDE.

APPOINTMENT OF A HOUSE PHYSICIAN AND CASUALTY OFFICER (A).

Applications are invited from registered medical practitioners, Female, for the appointment of a House Physician (A) and Casualty Officer, now vacant. The appointment will be for six months. Salary at the rate of £130 a year, with board, residence, and laundry.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned forthwith.

A. S. GORDON, Secretary.

## East Suffolk and Ipswich Hospital.

(400 Beds. Eight Residents.)

Applications are invited from registered medical practitioners (Male or Female) for the appointment of CASUALTY OFFICER (A), including R practitioners within three months of qualification. Appointment will be for six months. Salary at the rate of £144 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, to be sent to the undersigned.

ARTHUR GRIFFITHS, Secretary.

The Hospital, Ipswich, 15th March, 1941.

## General Hospital, Nottingham.

(501 Beds.)

Applications are invited from registered medical practitioners (Male or Female), including R practitioners within three months of qualification, for the appointment of a HOUSE PHYSICIAN (A) for the above Hospital, duties to commence on or about May 6th. The appointment is for six months. Salary at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and copies of testimonials, should be sent to the undersigned.

HENRY M. STANLEY, House Governor and Secretary.

## Royal Hampshire County Hospital, WINCHESTER. (457 Beds.)

Applications are invited from registered medical practitioners, including R practitioners within three months of qualification, for the appointment of CASUALTY OFFICER AND MEDICAL OFFICER (A) to SPECIAL DEPARTMENTS. The appointment will be for a period of six months. Salary is at the rate of £175 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

H. EWART MITCHELL, Superintendent and Secretary.

## City of Cardiff.

CITY LODGE HOSPITAL.

JUNIOR MEDICAL OFFICERS (A).

Applications are invited from Male registered medical practitioners for two appointments of Junior Medical Officers now vacant, including R practitioners within three months of qualification. If held by R practitioners the appointments will be for a period of six months. Otherwise they will be for a period of twelve months. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the Medical Officer of Health, City Hall, Cardiff, not later than 15th April, 1941.

D. KENVYN REES, Town Clerk.

City Hall, Cardiff, 24th March, 1941.

## Hospital of St. Cross, Rugby.

LOCUM RESIDENT MEDICAL OFFICER required April 21st to May 5th, inclusive. Remuneration £7 7s. per week, with full residential emoluments.

Apply, with particulars, to SUPERINTENDENT.

**Gentleman (Doctor's son) aged 39½, unfit** for military service, desires post as LABORATORY WORKER to Bacteriologist in private practice or Bacteriological Department in any hospital. Familiar with use of microscope, can perform blood counts, staining, &c. Keen on research work, and will accept nominal salary to commence with. Willing to interview.—Address, Box No. 88W, HINE & SON, Bridport.

**Full-time Industrial Medical Officer** required for large modern Midland Aircraft Factory and subsidiary decentralised factories. Candidates must have held hospital appointment and preferably be young. Commencing salary £700. Successful applicant to be prepared to commence immediately.—Address, No. 775, THE LANCET Office, 7, Adam-street, Adelphi, London, W.C.2.

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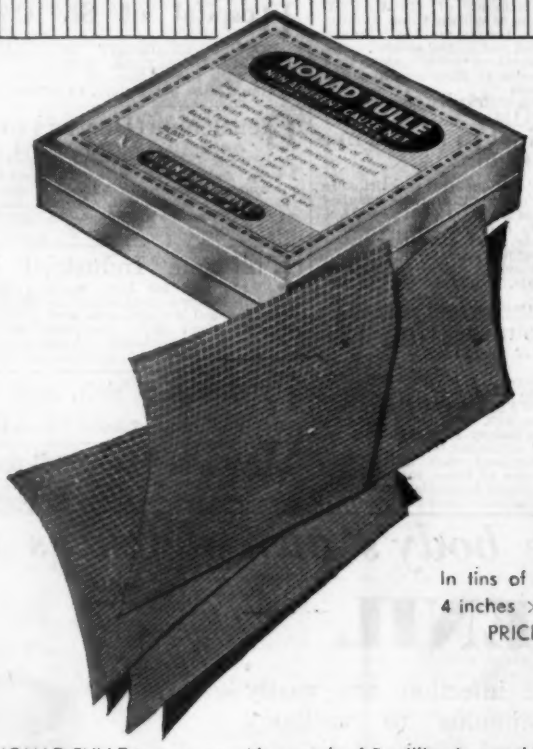


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